Industrial Applications of Chemicals — Page 7

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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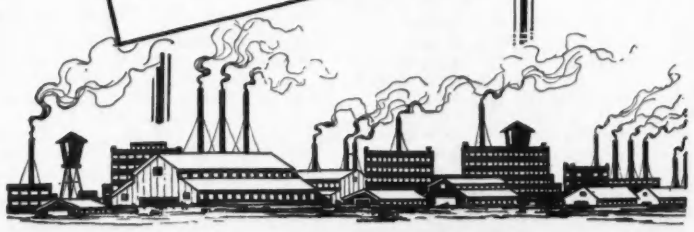

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Founded 1871 by William O. Allison *Published by Schnell Publishing Co., Inc.*

Vol. 149 No. 4 New York 7, N. Y. January 28, 1946

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FTC Appropriation Increase Favored

OPD Washington Bureau

An appropriation of $2,139,120 for operations of the Federal Trade Commission during the fiscal year 1947, an increase of $197,287 over the fund provided the agency last year, was recommended to the house January 23 by the house committee on appropriations.

During the hearings on the estimates the question of duplication in connection with the collection of industrial statistics was discussed at some length. The Bureau of the Budget had recommended alloting $209,880 to FTC to enable it to resume its studies of investments, costs, profits, and other data of major industries and to gather the necessary statistics for these studies. Plans called for broadening the scope of the studies, with emphasis on distribution.

Committee members pointed out that much of this statistical gathering already is being done by the Office of Price Administration and other agencies of the government, although admittedly there was difficulty for FTC in securing the release of such data from the collecting agencies. It was decided finally to reject the special fund and to determine if there was not some way by which the difficulties of obtaining this information from the other agencies could be removed.

Pembrook Chemical APC Holding to Be Sold

OPD Washington Bureau

Holdings of the Alien Property Custodian in the Pembrook Chemical Corporation of Pembrook, Fla., consisting of thirty-five shares of 3.89 percent of the corporation's outstanding capital stock, no par value, will be sold at auction at the New York office of APC at noon, January 29.

Bids for this stock were called for last August by APC at the same time it sought bids for purchase of its holdings in the Ore & Chemical Corporation. Its holdings in the latter corporation were sold at that time to B. R. Armour for $245,000 but the six bids received for the Pembrook Corporation were rejected as unsatisfactory. The high bids offered for the stock, amounting to $13,125, came from the Pembrook Corporation itself.

The Pembrook concern owns and exploits phosphate lands in Florida. It had a net worth in 1944 of $482,000.

Packaging Machinery Manufacturers to Meet

The semi-annual meeting of the Packaging Machinery Manufacturers Institute will be held at the Hotel Dennis, Atlantic City, N. J., April 1, according to Frank B. Fairbanks, president of the institute, who is president of Horix Manufacturing Company, Pittsburgh, Pa. Chairman of the meeting is H. Lyle Greene, of J. L. Ferguson Company, Joliet, Ill., vice-president of the institute. This semi-annual meeting of machinery manufacturers precedes the packaging exposition, to be held in Atlantic City from April 2-5, in which many types of packaging equipment will be displayed.

Chemistry Frontiers Series to Be Resumed

Western Reserve University will start its fifth annual lecture series on "Frontiers in Chemistry," March 1, bringing twelve distinguished American scientists to Cleveland to discuss latest developments in the field of catalysts and high polymers. The lectures are designed chiefly for working chemists and graduate students of chemistry as well as other interested individuals.

H.T. Herrick to Have New Agriculture Post

OPD Washington Bureau

Appointment of Horace T. Herrick as special assistant to Dr. O. E. May, chief of the Bureau of Agricultural and Industrial Chemistry, in a new

H. T. Herrick

position created for the purpose of further encouraging the use of agricultural commodities in industry, is announced by the Department of Agriculture.

Mr. Herrick is now director of the Northern Regional Research Laboratory. He will be succeeded in that post by Dr. G. E. Hilbert, who has been with the department, fifteen years, five of them with the Northern laboratory.

In his new position Mr. Herrick will act as a liaison in keeping industry and agriculture in touch with the research achievements in the bureau's various laboratories. Mr. Herrick started the bureau's fermentation work, which grew and expanded with the years until it was in a position to render valuable aid in the early stages of the commercial development of penicillin.

Fritzsche Bros. Appoints Assistant to President

Fred H. Leonhardt, son of F. H. Leonhardt, president of Fritzsche Brothers, Inc., aromatic chemicals and essential oils, New York, has been appointed to serve as assistant to the president of that organization as of January 1, 1946. Mr. Leonhardt joined the New York essential oil and chemical firm shortly after completing his service overseas with the 805th Tank Destroyer Battalion.

Medical Care Improvement Discussed at NYU Dinner

Several aspects of improving the medical care available to the public were presented in the discussion of "Medicine's Tomorrow" at a dinner meeting sponsored by the chancellor, the council, and the medical faculty of New York University, in the Waldorf-Astoria, New York, January, 22, The motivation of the discussion derived to an extent from the program of the university for a medical center in New York that will be fitted to the needs of the public in medical service and to the needs of medical practice in adequacy and progressiveness through research and education.

Chancellor Harry Woodburn Chase, of the university, presided. The "Mission of a Medical School" was presented by Dr. Alan Gregg, director of medical sciences of the Rockefeller Foundation, who expressed profound concern for the future of medical education. Among existing shortcomings in the practice of medicine he noted the reluctance of graduates to take the places of older doctors in rural areas; the costliness of medical services, which place them beyond the reach of many who need them; and the defective distribution of medical services. He felt that medical schools were lax in their presentation of social aconomic facts relevant to medical practice. He was perturbed because the profession of medicine did not get from the public the respect and trust given to individual doctors.

Medical education must change its methods, Dr. Gregg declared. It must lead, as well as teach, and this demands that it teach its teachers. It must also bend to the task of constructing a moral, or ethical, or religious code that will fit the realities of modern existence. The medical school, he said, must educate, not confuse; cheer, not dishearten or terrify; cure, not injure.

Some practical aspects of group medical care were set forth by Dr. Dean A. Clark, medical director of the Health Insurance Plan of Greater New York. He was commendatory of the N.Y.U. medical center project, in which his organization will have a functional part. He saw in it assurance of the desirable result that the quality of medicine be not lowered in any social experiment toward better distribution of its services.

—Continued on page 67

APMA Production Meeting Program Set

The program for the meeting of the production committee of the American Pharmaceutical Manufacturers' Association, to be held in the Hotel Commodore, New York, February 4 and 5, follows:—

"Methods of Treatment of Water for Production of Pyrogen Free Water and Sterile Water," R. L. Brault, of Buffington's, Inc.

"Particles in Parenteral Solutions," J. F. Greene, of the Kimble Glass Company.

"Fire Prevention Measures," T. Alfred Fleming, of the National Board of Fire Underwriters.

"Planned Safety Promotion," Blayney Barton, director of Department of Industrial Relations of Winthrop Chemical Company.

"Production Problems" (open forum for discussion).

Tuesday, February 5

"Good Housekeeping Standards," George Larrick, assistant commissioner, Food and Drug Administration, Federal Security Agency.

"Procedures for Good Housekeeping," Sidney Harris, manager of the pharmaceutical department of Hoffman-La Roche, Inc.

"How to Solve Human Relation Problems in Production Departments," Granville B. Jacobs, of the Ciba Pharmaceutical Products, Summit, N. J.

"Medical Care of Employees," A. F. Mangelsdorff, of the Calco Chemical Division.

W. O. Brewer, chairman, Eastern Production Committee.

Typhus Committee To Be Abolished

OPD Washington Bureau

The United States of America Typhus Commission, set up in December, 1942, for the purpose of protecting the members of the armed forces from typhus fever and preventing its introduction into this country has been ordered abolished as of June 30, 1946, by President Truman.

Mr. Truman pointed out that the typhus season is now coming to an end and it is desirable that any further programs of typhus control in connection with military operations be carried out by the organizations charged with such matters.

FWDA Midyear Meeting Program Set

The Federal Wholesale Druggist Association will hold its mid-year meeting in the Hotel Pennsylvania, New York, February 5-7. The joint forum of manufacturers and wholesalers opens with luncheon at 12:30 p.m. on February 6, and ends with the luncheon at 12:30, February 7. On Wednesday evening, beginning at 8 p.m., the joint informal dinner will be held, with a program of entertainment.

The closed wholesalers' sessions will take place on Tuesday, on Wednesday morning, and on Thursday afternoon.

"Must We Have Another Bust?" Bruce Barton, president of the Batten, Barton, Durstine & Osborn.

"The Post-War Economic Future," D. W. Michener, of the Chase National Bank.

"Business Trends and Their Effect on Merchandising," Dr. Vergil D. Reed, of the J. Walter Thompson Company.

"Management-Labor Relations," C. S. Ching, former member of the National War Labor Board, Director Industrial and Public Relations, U. S. Rubber Company.

Calif. Chemical Salesmen Elect Officers

Peter H. Vander Sterre, of the Griffin Chemical Company, has been elected president of the Chemical Salesmen's Association of California. Other officers elected were:—Vice-president, Frank E. Langlois, of the Pacific Silica Company; C. Berry Odell, of the Dow Chemical Company; secretary, J. H. Scism, of the Dow Chemical Company; treasurer, William H. Oliver, of the Stauffer Chemical Company.

Surplus Property Office to Be Merged with War Assets Corp.

OPD Washington Bureau

In a move to consolidate all controls over surplus property disposal in a single agency, President Truman disclosed, January 18, his plans to merge the Office of Surplus Property Administration with the newly organized War Assets Corporation, set up to take over the surplus property disposal functions of the Reconstruction Finance Corporation.

W. Stuart Symington, administrator of the Surplus Property Administration, has submitted his resignation, effective January 31, and has been nominated to the post of Assistant Secretary of War for Air, succeeding Robert A. Lovett, who resigned several months ago.

The function of the Surplus Property Administration was limited to the formulation of policy and to make studies for report to congress on problems of disposal. This work has now been virtually completed, and the policy job remaining will be largely one of interpretation on the part of the operating people.

There is some speculation whether the War Assets Corporation, which now would be making policy as well as handling about 90 percent of the surpluses for disposal, will continue as a subsidiary of the RFC. Considerable thought is being given to establishing it as a separate agency where it would be free from RFC domination.

OPD Price Index

The Oil, Paint and Drug Reporter's relative record of prices for chemicals and related materials is currently as follows:—

Jan. 24, 1946	Jan. 17, 1946	Jan. 26, 1945
135.5	135.8	133.2

The base of the OPD Price Index is the average of prices in 1926 and 1934, those years representing extremes of price undulations in the interwar period.

Largely by reason of tartrates and quicksilver, the trend of price views was reversed last week in the markets for chemicals, oils, and drugs. Aromatic oils also were again headed in that direction. The consequence was a cut in the general average of representative prices from the various divisions.

Business was big, but was beginning to show doubts and jitters because of the steel strike. The direct effects of that disturbance on supplies of basic coal-tar materials were discernible. Government surpluses began to take on a different aspect. The threatened disappearance of steel drums was bothering several groups.

Late Markets

Baltimore Fertilizers Short

Baltimore, Jan. 25.—Outstanding feature for crude fertilizer materials is the growing scarcity of supplies, which makes it more and more difficult for the trade to take care of requirements. No materials can be sold under the ceiling, but tenders at ceiling prices have failed to produce any offers, and the situation is growing worse steadily, especially now when gigantic strikes of plants that produce some of the supplies are in progress.

Fertilizer Low on Coast

Los Angeles, January 25.—Stocks of all agricultural chemicals in this area are extremely low this week. Canadian shipments of ammonia nitrate and phosphate were off. Little trading was reported. Prices were firm. Production of fish meal remained very light with stormy weather restricting fishing early in the week and a full moon toward the close.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food, drug and cosmetic act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended Jan. 18

Aconite root, 6 bags; excess moisture.

Angelica root, (2 shipments), 45 bales; insect infested and bored.

Cornmint oil, 17 cases; contains foreign oil.

Dandelian root (2 shipments), 10 bales; insect infested and filthy.

Gentian root (2 shipments), 133 bags; filthy.

Mace, 15 cases; filthy.

Medicinal preparations (4 shipments), 4 parcels; not properly labeled.

Origanum (2 shipments), 551 bales; filthy.

Orange peel, 55 bags; wormy.

Perfumes (3 shipments), 16 packages; not properly labeled.

Sassafras oil (2 shipments), 37 drums; not U.S.P.

Baltimore

Week Ended Jan. 18.

Turmeric, ground, 32 bags; filthy.

Buffalo

Week Ended Jan. 18.

Medicinal preparations (7 shipments), 7 parcels; improperly labeled.

Boston

Week Ended Jan. 18.

Medicinal preparations, 1 parcel; improperly labeled.

Philadelphia

Week Ended Jan. 18.

Medicinal preparations, 1 parcel; improperly labeled.

FTC Legislation On Mergers Pushed

A movement has been launched by proponents of legislation tightening the loopholes in the antitrust laws to prevent the merging of competing corporations to seek early action in the house on the Kefauver bill (H. R. 4810) amending section 7 of the Clayton act along the lines recommended annually since 1930 by the Federal Trade Commission.

With the filing by the judiciary committee of its formal report on the bill in the house this week, proponents said that they would seek the cooperation of the administration leadership in obtaining a special rule on the legislation which will enable it to be called up for consideration on the floor at any time.

Proponents have been given encouragement in their efforts to obtain passage of the bill by President Truman in his opening message to Congress, January 21, calling for a strengthening of the antitrust laws in order to aid little business and provide "far more competition in the future than we have had in the immediate past."

While he did not mention the Kefauver bill specifically, it is claimed that his remarks on monopolies and little business in general were sufficiently broad to include this legislation. They point specifically to this paragraph in the President's message:—

We must do more than break up trust and monopolies after they have begun to strangle competition. We must take positive action to foster new, expanding enterprises. By legislation and by administration we must take specific steps to discourage the formation or the strengthening of competition-restricting business. We must have an over-all antimonopoly policy which can be applied by all agencies of the government in exercising the functions assigned to them—a policy designed to encourage the formation and growth of new and freely competitive enterprises.

In its report to the house, the judiciary committee pointed out that its jurisdiction under section 7 of the Clayton Act to prevent mergers in restraint of trade is limited solely to mergers consummated through the acquisition of controlling stock—and even there the commission's authority in this field has been limited by interpretations placed upon the law by the courts. The report said:—

To Close Loopholes

H. R. 4810 proposes to effectively close the loophole in the Clayton act by extending the prohibition against corporate acquisitions, insofar as they are subject to the jurisdiction of the Federal Trade Commission, to include definite prohibition against acquisition of assets and to provide definite administrative standards and procedure for preventing the consummation of unlawful consolidations by such corporations.

The amendment proposes that only important acquisitions by large corporations subject to the jurisdiction of the Federal Trade Commission shall be subject to its approval before they may be lawfully consummated. Only in cases where the proposed acquisition, either by stock control or purchase of assets, results in the control of corporations (including both the acquiring and acquired corporations and corporations controlled by them), whose combined sales represent 5 percent or more of the total sales in a particular line of commerce, is permissive approval of the acquisition necessary.

It does not affect acquisitions of the multitude of small business corporations whose sales before and after acquisition would not represent 5 percent of the total in their respective lines of trade, either locally or on a national scale. In fact, it offers additional protection to small businesses against forced absorption by their large competitors for the reason that section 7 (2) d, as now proposed, would provide that permission to acquire would not issue if the acquiring corporation indulged in unfair methods of competition in order to induce the acquisition or eliminate the competition of the corporation sought to be acquired.

Court review of the orders of the commission is provided in the legislation. It is also provided that acquisitions consummated with the approval of the commission shall not be the subject to proceedings thereafter brought by the government on the grounds such approved acquisitions constitute a violation of section 7 of the Clayton act.

US Poison Law To Be Developed

In a resolution adopted at its first annual meeting, January 24, in New York, the Section on Food, Drug and Cosmetic Law of the New York State Bar Association directed its committee on drug law to develop a new Federal poison law which would regulate the labeling of poisonous drugs and associated materials. The section considered such legislation necessary directly for the protection of the public and as a pattern for State laws.

The section also urged in another resolution that the control of advertising of foods, drugs, and cosmetics be brought into the Federal food, drug, and cosmetic law. The combating of false advertising of those commodities is now a function of the Federal Trade Commission under a comparatively recent amendment of the FTC act. The feeling was that advertising should be under the same controlling statute and agency as misbranding and adulteration, which are now under the food, drug, and cosmetic act administered by the Food and Drug Administration.

Citing as an example the furtherance by dairy interests of legislation to restrict the sale of oleomargarin, the section condemned the misuse of statutory and similar regulations for competitive purposes.

Charles Wesley Dunne, who is counsel for the American Pharmaceutical Manufacturers Association and the Grocery Manufacturers of America, as chairman of the section, set up a committee of eight for the task of achieving uniformity in State food, drug, and cosmetic laws. Among the members of this committee are the chairmen of the several groups which have to do with the several aspects of such laws, these include the chairman on drug law, James F. Hoge, counsel for the Proprietary Association, and the chairman on cosmetic law, Hugo Mock, counsel for the Toilet Goods Association.

Mr. Dunn was re-elected chairman of the section, and George Link, jr., counsel of the Gelatin Research Society of America, was re-elected secretary.

Obituaries

U. C. Loftin

Ulphian Carr Loftin, assistant head of the division of cotton insect investigations in the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture, died January 16 in his home in Washington. He was a native of North Carolina and held degrees from North Carolina State College and the University of Florida. He went with the Department of Agriculture some twenty-five years ago in research on cotton and sugar cane insects in Louisiana and Texas. After eight years in that section he spent some time in Mexico and Cuba. He went to the Washington position in 1931.

Paul F. Deichsel, a retired founder of the Martin-Deichsel Leather Company, died January 22. He was ninety-three years of age.

Prof. Leon Marchlewski, scientist and author of many books on medical chemistry and physical science, died in Krakow, Poland. He was eighty years of age.

William Pinkney, retired salesman of the Pennsylvania and Delaware Oil Company, died January 22. He was eighty-eight years of age. Surviving are his wife, a son and two brothers.

Bids Wanted

Soap:—298,000 pounds of soap, laundry and toilet, offered for sale, Procurement Section, Fats and Oils Branch, Production and Marketing Administration (CCC), U. S. Department of Agriculture, Washington 25, D. C., opening February 28.

Chemicals:—Purchasing agent, Government Printing Office, Washington, D. C.; bids opening January 28.

Paint Thinner: 4,400 gallons (petroleum spirits), Chief Commodity Section, Treasury Department, Procurement Division, Washington 25, D. C.; invitation 58-39052, bids opening February 5.

Pigment:—5,500 pounds, white lead, basic carbonate, type B, paste in oil, Chief Commodity Section, Treasury Department, Procurement Division, Washington 25, D. C.; invitation 58-39058, bids opening February 4.

Oil, Paint and Drug Reporter, Vol. 149, No. 4, January 28, 1946. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1946, by Schnell Publishing Company, Inc

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Eskens Visiting US

O. G. Eskens, of Th. S. Eskens' Handelmaatschappij C. V. Amsterdam, who is Middle European representative for Godfrey L. Cabot, Inc., carbon black manufacturer, was a visitor to the company's office in Boston last week. Mr. Eskens, who was interned a year in a German hostage prison camp, plans to visit New York this week and to continue his trip to other important cities in the United States.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The fight which Congress is heading into over the question of extending the price-control law for another year promises to be the biggest yet. The way things are now shaping up, the battles waged in the past over this issue will pale into insignificance in the smoke of the forthcoming fracas. In fact, doubts are being raised in some quarters whether there will be any control over prices after June 30.

Straws in the wind that are raising a big question mark over the future of the price-control program are:—(1) Indications of a split in the administration's ranks over price-control policy; (2) the howl raised by the cotton bloc over the prospect that ceilings might be imposed on raw cotton; (3) the continuing complaint of oldline business establishments that OPA is allowing newcomers to skim the cream off the market with high-priced poor-quality merchandise; and (3) the general feeling that it will be impossible to hold the line on prices if the pending strikes wind up in substantial increases in wage levels.

Secretary of Agriculture Anderson's openly expressed admissions that farm prices—particularly butter—should be permitted to go up further, plus intimations from Reconversion Director Snyder that he too thought a few more holes should be punched in the price-control roof, have done much to add to the woes of Price Administrator Bowles. From all appearances, his is but a voice in the wilderness for holding the line against price-inflation in all the juggling now going on behind the scenes to appease pressure groups.

Synthetics Survey Started

The Tariff Commission has begun its annual task of gathering statistics from the chemical industry on production and sales of synthetic organic chemicals for 1945 and, if all goes well, it will have the preliminary results of the survey available for publication much earlier than it has in the past.

A special effort is being made this time to speed up the compilation of the data so that the lag between the time the industry gets the questionnaires and the time when the results are published will be reduced to a minimum. Heretofore, it has always been months after the close of the year to which the report related before the data became available. This has been owing to delay on the part of the industry in responding to the questionnaires. The industry is being urged to act more promptly on the questionnaires this year and also to give greater attention to the desirability of reporting products under their true chemical names, rather than under common designations which are difficult to identify accurately.

Varnish Gum Anticipations

OPA is getting itself ready to take up the problems of pricing some of the varnish gums of the South Pacific area in preparation for the time when these gums again will be available to American importers. Although indications are that these gums still are a long way from our shores, officials let it become known that they are beginning to think about the problems and want to be ready when the time comes.

There isn't much that can be done yet, because nobody knows what the supply situation in the source area is at this time. And most importantly there hasn't been any inkling of what price exporters will be demanding for the gums when they are ready to ship. But, such information as to how importantly these gums entered into our economic life in prewar days, prices prevailing at that time, and the relation of the prices of these gums to those from other sources will be important considerations which can be worked on now.

The industry, however, need have no fears that OPA will take any action on the pricing of these gums without its being forwarned. When the fat begins to fry, industry can expect a call from OPA for advice and guidance on what to do.

WPB Records Still Needed

Manufacturers and users of chemicals and other products which were under allocation or some form of distribution control during the war are cautioned against believing that, since these controls have been lifted, the government is no longer interested in the various records they had to keep during the war. While the government may not have any use for these records at the moment, there is always the possibility that it may at some future time, and the requirements in priorities regulation 1 on preservation of records should not be overlooked.

CPA is calling attention to this provision because of evidence of some misunderstanding of what is required. Section 944.15 of priorities regulation No. 1 requires the keeping and preservation for at least two years of certain records relating to transactions under CPA orders and regulations. This requirement does not lapse upon the expiration or revocation of the applicable order or regulation and the two-year period must be counted from the date the transaction occurs. The reference in the section to rules, regulations, or orders of CPA includes reference to any regulations or orders of its predecessor, WPB, whether or not they expired or were revoked before the establishment of CPA.

Argentine Flaxseed Status

Some of the news reports coming out of Argentina in recent weeks relative to that country's living up to its agreement to sell its surplus flaxseed to the United States haven't made very good reading for paint manufacturers and others faced with the problems of linseed oil shortage. The reports are to the effect that Argentina may welsh on its promises.

It seems that at the time we made the contract, the price we agreed to pay for the flaxseed was considered pretty good from the Argentine standpoint. We offered 21.93 pesos per 100 kilos, f.o.b. Buenos Aires, at a time when some purchases were being made at 14.30 pesos. But now with the heavy worldwide demand for flaxseed, prices being quoted in Montevideo are about a third higher than we contracted to pay.

Officials here are keeping their fingers crossed on what might happen. So far there hasn't been any evidence that the Argentine government won't go through with the contract, but it is known that the producers are hoping to get the government to break it, and are storing up a lot of flaxseed on the farms in the event of this happening. There is still a good bit of seed on the wharves, however, assigned to the U. S., that hasn't been lifted yet because of the shortage of boats.

Farm Marketing Costs

The Department of Agriculture has just completed an interesting study on how much it costs each year to market the products of agriculture from the farm to the consumer. High marketing costs have been one of the more frequently heard complaints of producers, consumers, and their political representatives and the study should go far in throwing light on this controversial subject.

Although the marketing bill does run high—exceeding the income received by the farm producers from the sale of the same products—there is nothing to indicate that it has anything to do with the wider fluctuations that have occurred since 1919 in the prices paid at retail for food. During the last twenty-six years, the marketing bill ranged from $7,400,000,000 in 1932 to $10,900,000,000 in 1944. Over the same period, comparable farm value of the food products ranged from $3,500,000,000 to $11,500,000,000 while the retail value ranged from $10,900,000,000 to $21,700,000,000.

—*Continued on page 57*

FTC, Clayton Acts Amendments Asked

Appointment of a committee to write an amendment to the Federal Trade Commission Act and the Clayton Act, which would require the Federal Trade Commission to file an opinion explaining the reason for any order it issues, was made following a symposium on the Robinson-Patman Act, sponsored by the section on food, drug and cosmetic law of the New York State Bar Association held last week.

Charles Wesley Dunn, counsel for the American Pharmaceutical Manufacturers Association, as presiding officer of the symposium, named the following members to draft the amendment: H. Thompson Austern, Washington, D. C., chairman; Parker McCollister, Robert W. Austin, Robert H. Montague and John S. Prescott.

Walter B. Wooden, assistant chief counsel of the Federal Trade Commission, declared that one reaction among lawyers and industrialists appears to be that probably the phantom freight type of discrimination can no longer be defended under the Corn Products and Staley cases, but that the freight absorption type can perhaps be reconciled with them. Whether that can be done, Mr. Wooden continued, will depend on the factual showing in a given case, but it is difficult to see any basis for the contention that so-called freight absorptions are not the equivalent of price differentials among the seller's customers. He said:—

It is sometimes suggested that the proviso regarding due allowance for differences in cost of delivery does not compel the seller to give the buyer the full benefit of such allowance but permits the seller in his discretion to withhold some part of it. Another way of stating it is that it fixes the maximum allowance beyond which the seller may not go.

William B. Schrauff of Strange, Myers, Hinds & Wright, attorneys, read the paper prepared by Roger Hinds, partner in the firm, who was prevented by illness from appearing at the session. The paper pointed out that there is no more reason or justification for "finding" a producer's average delivery cost as a component in a uniform delivered price than there is for "finding" any of his other costs as an element or component of such price, as for example, his rent, raw materials, warehouse charges, legal expenses or bookkeeping overhead. These are all elements of cost, not components of price, he asserted.

OITO Revises Export Control Commodities List

OPD Washington Bureau

The Office of International Trade Operations of the Department of Commerce has amended its regulations controlling the export of scarce commodities to remove the following products from the so-called "positive" list requiring individual licenses to export:—

Certain household and agricultural insecticides and fungicides containing 1 percent of more of DDT, methanol, potassium carbonate, sodium peroxide, ammonium chloride, anhydrous ammonia, zinc oxide and acetylene black.

The following products have been added to the "positive" list:—

All grades of petroleum jelly; white mineral oil for industrial purposes, and bismuth metals and alloys.

The additions to the positive list were made effective January 29. The deletions from the "positive" list become effective immediately.

Public Health Service Agents With War Corp.

OPD Washington Bureau

U. S. Public Health Service representatives will be assigned to regional field offices of the War Assets Corporation to assist in the distribution of surplus property to non-profit public health institutions and instrumentalities, Robert C. Ayers, director of War Property Distribution, of Federal Security Agency, has announced. The new joint agreement, under which the Public Health Service will assign medical officers and sanitary engineers to the disposal agency field offices, will permit maximum speed in processing claimants' applications, Mr. Ayers said.

Surplus Disposal Via Co-ops Studied

OPD Washington Bureau

Officials of the Surplus Property Administration and the War Assets Corporation have begun exploratory discussions with representatives of farmer and consumer co-operatives on methods by which greater use can be made of these organizations by the government in the disposal of war-time surpluses.

A two-day meeting was held last week with an advisory committee of co-operative wholesalers at which there was discussion of the basic principles and problems of surplus disposal; sales programs, with particular attention to items needed by farmers; and utilization of co-operative wholesale organizations in selling surplus goods to farmers.

It is reported that the chief difficulty now in the way of making greater use of the organizations in the distribution of consumer goods is the questionable status that these organizations maintain in the various levels of distribution. Service order No. 24 of the Surplus Property Administration sets up the regulations as to how co-operatives should be regarded by the disposal agencies and in effect classifies them as retail organizations, rather than wholesalers.

The reason for this is that, although they purchase at wholesale, their sales for the most part are directly to consumers which, in effect, makes them retailers. Because they thus have been unable to obtain the same discounts that other wholesalers obtain on their purchases from the government, the co-operative organizations have not manifested as much interest in the surplus goods being offered by the government as it was hoped they would.

Surplus Property Offered by US Agencies

The Department of Agriculture is offering several surplus commodities for sale on bids. The following items are being handled by the contract section, special services division, special commodities branch, Production and Marketing Administration, Department of Agriculture, Washington 25:—

Ascorbic acid tablets, 50 mg.; announcement SC-24; bids to be accepted up to 5:00 p.m. (EST) February 1:—Lot 190, Philadelphia, 1,064,000.

Multi-vitamin tablets; announcement SC-24; bids to be accepted up to 5:00 p.m. (EST) February 1:—Lot A-1185, St. Louis, 190,352; lot 191, Philadelphia, 652,800; lot 192, Philadelphia, 1,652,000; lot 6056, Philadelphia, 5,600,000; lot 6069, Philadelphia, 5,040,000; lot 1698, New York, 6,183,520; lot 1706, New York, 2,973,920; lot J-422, New York, 14,280,000; lot J-196, New York, 3,091, 200; lot J-464, New York, 480,000; lot J-832, New York, 709,632; lot 865, New York, 4,961,280.

The following item is being handled by M. H. Brightman, dairy branch, Production and Marketing Administration, Department of Agriculture, Washington 25:—

Nonfat dried milk solids, roller process, unfit for human consumption; announcement Da-13; bids to be accepted up to 5:00 p.m. (EST) February 4; approximately 8,600 pounds, at Chicago.

The following items are being handled by E. H. Terrell, CCC contracting officer, meat merchandising division, livestock branch, Department of Agriculture, Washington 25:—

Lard, refined hardened; announcement LS-3; bids to be accepted up to 5:00 p.m. (EST) January 30:—Lot 11308, Chicago, 40,000 pounds; lot 11,309, Chicago, 40,000 pounds.

The government-owned aluminum reduction plant at Burlington, N. J., and aluminum extrusion plant at Phoenix, Ariz., are offered for sale or lease by the War Assets Corporation. The Burlington plant comprises thirty buildings with from 750 square feet to 86,000 square feet of floor space. It offers advantages for multiple tenancy and will be divided as circumstances may dictate. The Phoenix plant has fifteen principal buildings, the largest of which has 1,203,000 square feet of floor area. The land is a tract of 285 acres, of which 100 acres are fenced in.

Grant Gets New York OPA Regional Post

William S. Grant was named acting section chief of the regional OPA price industrial section in New York. He formerly was with the national office of the OPA.

ROSSVILLE HEXAGON COLOGNE SPIRITS

The delicate fragrance of your finest perfumes is best developed and preserved with Rossville Hexagon Cologne Spirits. Unsurpassed in purity, clarity, and freedom from foreign odor, this alcohol assures the character of your most exquisite bouquets.

Distilled exclusively from grain, Hexagon Cologne Spirits is the crowning achievement of nearly a century of experience in the production of Fine Rossville Alcohols. Exacting scientific control of all the production and purification processes guarantees its high quality and absolute uniformity. For the very best in alcohol, specify Rossville Hexagon Cologne Spirits.

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P.A.'s-Eye View of Business

Composite view, January 27, of purchasing agents composing the business survey committee of the National Association of Purchasing Agents

This month's business survey shows that demand for materials of all kinds is practically unlimited; but a creeping paralysis of industry, caused by labor disputes and strikes, is limiting production to such an extent that any currently accurate statement on general business conditions is extremely difficult.

Reports indicate business activity in some sections and industries is at a high level and would continue to expand if men and materials were obtainable. Retail sales are limited only by the scarcity of goods to move across the counters, but wholesalers and manufacturers have the same problem.

As several major industries are now completely tied up by strikes, the distribution of their products has stopped, and using manufacturers in all sections will necessarily have production operations curtailed by the resulting shortages.

The fear of production stagnation caused by inability to obtain materials is reported from all sections. As sources of supply reduce or stop production, procurement of materials frequently compels purchasing agents to switch tools and patterns to other producers and, where possible, to beat the establishment of picket lines by the removal of their equipment and the materials that have been completed for their orders. The recent picket line expediting is reported to be more involved and difficult than any wartime experience in securing requirements. A few operators or mechanics in key control departments have unexpectedly shut down plants of suppliers.

The situation has become so unpredictable that many management executives seem inclined to give up the struggle to secure the materials and labor necessary for operations. Some would, apparently, welcome the relief of a shutdown showdown forced by industry's refusal to accept the economic-political program of labor leaders, along with their demands for increased wages.

Reports from all sections indicate postwar plans for production are temporarily stymied, and, if the current situation is not remedied promptly, many expansion programs may have to be revised or postponed.

If, as some say, this is to be an industrial civil war over something much more important than hourly wage rates, anything can happen. The recent optimistic picture of rapid reconversion with maximum production and employment must be completely revised, at least until this labor situation is cleared up satisfactorily and confidence is restored.

Floods, in the South especially, have been another factor retarding production.

Canadian reports indicate business is about the same as a month ago, but shortages of men and materials are limiting expansion of production and construction. Other limiting factors reported are seasonal weather, and strikes in Canada and U. S. A.

Commodity Prices

All reports indicate industrial prices for purchased materials are the same as, or higher than, a month ago.

Many report that price increases authorized by OPA are not numerous or pronounced—but the tendency is very definitely higher.

As the "hold the line" policy gives way to a "satisfy-wage-demand" policy, and price increases are authorized to cover the higher labor costs, further advances are anticipated in many lines. Increased prices for steel, lumber, and textiles, for instance, will increase material costs in all industries which fabricate those materials.

Ingenious dodges to evade price ceilings probably are being used in some instances, but the entirely legal and natural tendency—to eliminate low-price lines and concentrate on the most profitable production—is causing shortages of industrial materials and must be given consideration.

Where the demand is so great that producers need hardly consider the production of low-profit items, they will have to be induced by higher prices or there must be a return to an allocation system that will assure their production and direct its distribution. The use of set-aside allocations of materials for low-cost clothing, cotton bags, housing, etc., follows the latter alternative, but many purchasing executives believe the sound procedure would be to advance prices in those exceptional cases and increase production, rather than issue regulations which freeze the situation and distribute the short supply.

The epidemic of escalator clauses in sales contracts seems to stabilize instability and uncertainty, and their increasing use is reported to be definitely inflationary.

Purchasing agents, generally, believe price-control must be continued until supplies are more nearly in balance with demand, but do not believe a rigid, unprofitable price should be permitted to remain a bottleneck to production.

The trend toward purchase or control of material sources by large consumers has been noticeable in the paper and textile industries. The other customers of such captive plants then find it difficult readily to make new connections under present conditions. Many purchasing agents now find it advisable to keep a check on the sources of their suppliers, to make certain an upstream diversion will not leave them high and dry. Labor troubles in upstream plants have the same effect, temporarily.

The prevalence of strikes has an inflationary effect on material prices, by curtailing supplies and production. If continued for an extended period, however, the condition may become definitely deflationary by reducing demand. In many instances, industrial plans for expanded production would be revised, postponed, or canceled; for men who are idle any length of time will lose much of the purchasing power which was counted on to sustain maximum peacetime production.

Our reports indicate that some of the recent allout optimism is being dampened by the uncertainty regarding future conditions.

Reports from Canada show prices generally to be the same as a month ago. Castings have advanced, and there is some relaxation of price ceilings, permitting increases where loss on overall operations can be proved.

Inventories

Many plants have inventories higher than a month ago, but the majority report stocks are lower and declining —especially materials for production.

CPA continues to restrict inventories in order to spread the supply, but the real limiting factors generally reported are shortages of materials and extended deliveries.

Usable war surplus materials could be readily disposed of at this time with no disturbance of markets that would demoralize prices.

Canada reports that scarcity of steel and lumber make building of inventories difficult, but they are, generally, holding to levels of a month ago.

Buying Policy

The supply situation is reported more difficult than ever previously experienced; consequently, it is very difficult to obtain immediate requirements or to cover forward plant production schedules for many essential materials.

The general purchasing policy reported remains within the sixty to ninety days' range, with exceptions where necessary to secure position on future production schedules of suppliers.

Long-term commitments are not favored, and inventory speculation is not attractive because of the unsettled conditions at present. Purchasing for known needs seems to be the general policy to avoid continued reshuffling of requirements and schedules because of labor difficulties.

CPA now regulates inventories, as well as forward commitments, of struck plants to near-term requirements upon resumption of operations. These limitations should be complied with and enforced to permit others to operate wherever possible. In fact, these limitations may be a blessing in disguise if unsettled labor conditions continue for any length of time.

Canada reports general purchasing policy on production materials is three to six months, but equipment and re-

—Continued on page 38

Industrial Applications of Chemicals and Related Materials

"Where You Can Sell"

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7-Acetamido-3:6-dimethoxy-dibenzofuran

Dye—Starting point (Brit. 540743) in making dyestuffs with the aid of esters of betaketocarboxylic acids, and coupling with diazo compounds either in substance or on the fiber.

5-Chlor-2-1-naphthioindoxyl

Dye—Starting point (Brit. 541097) in making with the aid of 6-chlor-7-methylisatin, dyestuffs said to have good fastness to light, chlorine, and washing and to be superior in fastness to boiling to those described in Brit. 198415.

OPRD Transferred To Commerce Dept

The Office of Production Research and Development has been transferred from the Civilian Production Administration to the Department of Commerce, CPA and the Commerce Department announced January 24. The transfer was authorized by Executive Order 9763, dated January 3, 1946.

Unliquidated war research and development contracts entered into by OPRD prior to the date of the order will not be transferred but will continue under the jurisdiction of the Civilian Production Administration until liquidated, it was announced. Transfer of OPRD was made in connection with the prospect of the creation of an Office of Technical Services in the Department of Commerce to afford scientific and technical assistance to industry, particularly small business.

Senate bill S-1248, recently introduced by Senator Fulbright, made provisions for such a service within the Commerce Department. The bill proposes the assimilation of OPRD, the National Inventors Council and the technical advisory service of the Smaller War Plants Corporation within the Department of Commerce. During their war operations, these organizations acquired valuable associations, techniques and experience which will be served and used in planning the government's post-war services to industry.

OPRD, while continuing its relations with former clients and associates in connection with past contracts in all branches, is formulating immediate plans to advance post-war industrial research and development within the Department of Commerce.

Stapleton to Make Ammonia Plants Study

OPD Washington Bureau

Felix Stapleton, who recently transferred from the Foreign Economic Administration to the Reconstruction Finance Corporation, has just returned from a field survey of the government-owned synthetic ammonia plants under an assignment to prepare an industrial report on these plants for consideration by War Assets Corporation in connection with the problems surrounding the disposal of these plants.

Mr. Stapleton joined the RFC shortly after the FEA was transferred to the Department of Commerce and became the Office of International Trade Operations. He was chief of the Chemicals Division while with FEA and prior to that was chief of the Chemicals Division of the Lend-Lease Administration.

Textile Research Institute Names Whitwell Director

The Textile Research Institute has appointed John C. Whitwell as acting director of research. He succeeds Giles E. Hopkins, who is leaving to take up independent activities. Mr. Whitwell has been in charge of the Institute's laboratory at Princeton and will carry on the same research in his new capacity. He is also associate professor, department of chemical engineering, Princeton University.

5-Nitro-6-hydroxy-1:4'-nitro-2'-sulphophenyltetrahydroquinolin

Dye—Starting point (U.S. 2251922) in making orange dyes for cellulose acetate by condensing with compounds of chloronitrobenzene or chloronitronaphthalene.

Trichlorocumene

(Isopropyltrichlorobenzene, Isopropyltrichlorbenzol)

Analysis — Suggested as extractant for various purposes in institutional and industrial research and control work.

Automotive—Suggested as degreasing agent for bodies and parts.

Bituminous Products—Suggested as solvent for asphalts.

Chemical—New organic compound which is a colorless liquid, has a mild aromatic odor, is insoluble in water but soluble in alcohol, ether, and most other common solvents, and is very stable, being resistant to oxidation and hydrolysis.

Reactant in organic syntheses.

Dry Cleaning—Suggested as spotting agent for stains on textiles and hats.

Dye—Suggested as solvent for dyes.

Electrical—Suggested for use as antifreeze additive for dielectric fluids for switches and transformers, and as dielectric fluid for switches and transformers.

Fats, Oils, and Waxes—Suggested as extractant for fats, oils, and waxes.

Glass—Suggested as a degreasing agent.

Insecticide and Fungicide—Suggested as an ingredient of insecticides.

Mechanical—Suggested for use as antifreeze additive for hydraulic, and heat-transfer fluids and as a hydraulic fluid.

Leather—Suggested as a degreasing agent for skins and hides.

Metal Fabrication—Suggested as a degreasing agent for metals and metallic articles.

Miscellaneous—Suggested for use as antifreeze, degreasing agent, extracting agent, hydraulic fluid, plasticizer, solvent.

Paint, Varnish, and Lacquer—Suggested for use as diluent, plasticizer, solvent.

Suggested as ingredient of paints, varnishes, lacquers, and the like, and of removers of paints, varnishes, and lacquers.

Plastics.—Material compatible with many types of plastics (in most cases the resultant composition is said to be soft or rubbery; in a few cases, tough or even brittle materials are formed).

Resins—Suggested as a solvent for polymeric substances.

Textile—Suggested for use as degreasing and spotting agent.

Water and Sanitation—Suggested as an extracting agent for phenols and the like from waste water and other effluents.

Trimethyl Phosphate

Insecticide and Fungicide — Solvent (Brit. 407356 and addition to Brit. 324962) for alkyl sulphonamides in making concentrations to be diluted with benzene, carbon tetrachloride, or similar solvent, and used for impregnating wool, fur, hair, feathers, and fabrics to render them mothproof.

Triocenolpyridinium Thiophosphite

Lubricant—Starting Point (Brit. 457-548) in making high-pressure and die-making lubricants, and boring, drilling, cutting, and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal.

Zinc-Diphenlythiol

Resins.—Stabilizer (Brit. 542141) for vinyl chloride polymers.

Greater safety in the air and on the sea! Thanks to RADAR, travel companies are closer to this goal today than ever before.

Radar, the hush-hush word of war, is now performing peace time duties—revealing obstacles at sea way beyond the lookout's range of vision—making blind flying through darkness, fog or storm comparatively safe.

Like radio, radar utilizes the flow of electrons from the filament to the plate of an electron tube. It employs many varieties of tubes, all of which are necessary for its proper functioning.

It is in the manufacture of such tubes that Baker's fine chemicals of exacting purity play an important role. For example, special radio chemicals having high electron-emitting properties are used as a coating for cathodes.

The electron tube has many uses, of which radar is but one. Tubes for your radio and television set—midget tubes for your walkie-talkie—all depend upon properly coated wire filaments and cathodes for high electron emission.

If you are a manufacturer of electron tubes, a Baker representative would welcome an opportunity of talking with you about radio chemical mixtures.

J. T. Baker Chemical Co., *Executive Offices and Plant:* Phillipsburg, N.J. *Branch Offices:* New York, Philadelphia, Boston and Chicago.

Baker's Chemicals

C. P. ANALYZED • FINE • INDUSTRIAL

Current Market Quotations Chemicals and Related Materials

January 25, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).
Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .28 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37
Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1] dms., c.l., dlvd.lb. .07 - .08
l.c.l., dlvd.....lb. .07½- .08½
tanks, dlvd.....lb. .06 - .07
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .35 - —
l.c.l., works.....lb. .40 - —
5-gal. lots, works.....lb. .45 - —
less than 5-gal. lots, works..lb. .50 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.50 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.33 - 3.63
50%, bbls.....100 lbs. 5.55 - 5.83
70%, bbls.....100 lbs. 6.66 - 6.96
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works...100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
50%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .06 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb.-lot.. .45 - —
smaller lots, same basis.. lb. .46 - .50
standard USP, fine cryst., gran. (30-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.30 - 1.35
tech., bbls.....lb. .96 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .29 - .32
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.25 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E. works... 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.05
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric, tech., 99.5% cryst. (same as prices for powder). gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.
Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broomer's, bbls.....lb. 1.11 - —
Cacodylic, bots.....lb.13.50 -15.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms..lb. Nominal
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil, s.l.,[2] dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., ret. dms., c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (200°-246°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .660 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .35 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .26
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .42½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E..lb. .48 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys.....lb. .25 - .27
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .09 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return. Phila..lb. .064 - —
tanks, Belle, W. Va., acid basis..lb. .06½- —
Hypophosphorous, USP, djns. lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24½- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15½
80%, bbls., cbys., 5 or less. lb. .26 - .26½
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., 95, dms.....lb. .23 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric unit.....lb. .0065- .009
Molybdic,[1] kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .18½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 6.50 - 6.80
Nicotinic amide (see Nicotinamide)
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works....100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra...lb. .15½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11¼- —
smaller lots.....lb. .12½- —
Palm oil,[2] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.20
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area...100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.25
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area...100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11¼- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .68 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .15½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.00
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., dlvd. E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .43
USP, bbls., c.l.....lb. .25 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .95 - .97
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., dlvd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .16¾- —
single pressed, bgs., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .15¾- —
Texas and Okla., dlvd., lb. .15¾- —
triple pressed, bgs., c.l., dlvd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .19¾- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., wks..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....lb. 1.50 - 2.20
tanks, E. works.....ton.18.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.80 - —
tanks, E. works.....ton.16.50 - —
96°, tanks, works.....ton.37.50 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., ca. extra..lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
9-lb. bots., ca. extra...lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.80 - —
Tannic, tech., bbls., dms..lb. .71 - .75
USP, fluffy, bbls., 1,000 lbs... lb. 1.23 - —
smaller lots.....lb. 1.25 - 1.30
powder, bbls., 1,000 lbs..lb. 1.12 - —
smaller lots.....lb. 1.15 - —
Tartaric,[2] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .62½- —
smaller lots.....lb. .63 - —
kgs. .....lb. .63½- —
Thioglycollic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[1] CP, 100-lb. pkgs....lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.66 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.35 - 1.40
Aconitine, amorph., bots.....oz.32.00 -36.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.00 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .29½- —
l.c.l., works.....lb. .40 - .41
tanks, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .83 - .94
pharmaceutical, dms., wks. lb. .82 - .93
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 2.12 - 2.20
granular, cryst., bbls....lb. 2.07 - 2.15
tech., cryst., bbls.....lb. 1.00 - 1.30
Alcohol, allyl, dms., c.l., dlvd..lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tankcars, dlvd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms. .....lb. .68 - —
Butyl, normal,[1] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1930- —
l.c.l., frt. alld. E....lb. .1980- —
tanks, frt. alld. E....lb. .1830- —
tankwagons, frt. alld.lb. .1680- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E.....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —
Normal butyl alcohol prices in West, ½c. per lb. higher.
secondary, dms., c.l., dlvd.lb. .095 - —
l.c.l., dlvd.....lb. .10 - —
tanks, dlvd.....lb. .08½- —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.90
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 8.00 - 8.55
Denatured,[1,7] CD14, dms., c.l., works, E..gal. .612 - —
l.c.l., works, E.....gal. .633 - .653
tanks, E. works.....gal. .543 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....lb. .632 - .653
tanks, E. works.....gal. .543 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .624- —
l.c.l., works, E.....gal. .634- .654
tanks, E. works.....gal. .534- —
SD23G, dms., c.l., works...lb. .653 - —
l.c.l., works.....lb. .672 - —
tanks, works.....lb. .582 - —
SD23H, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .65½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .63 - —
l.c.l., works, E.....gal. .65½- .68½
tanks, E. works.....gal. .55 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .63 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .14½
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .12½
tech., dms., c.l., dlvd.....lb. .11 - .12½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb .10 - .12½

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order
4—General Preference Order
5—Conservation Order
6—Allocation
7—War Food Order

Alcohol, ethyl, 190 pf., dms., c.l. works..gal.17.72½- —
l.c.l., works.....gal.17.76 -17.79
tanks .....gal.17.65½- —
absolute, dms., c.l., works.gal.18.67½- —
l.c.l., works.....gal.18.71 -18.74
tanks .....gal.18.60½- —
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl, refd., dms., works..lb. .0660- —
tanks, works.....lb. .0760- —
Isopropyl, refd., 91%, dms., incl., c.l., divd..gal. .38 - —
l.c.l., divd.....gal. .41 - —
tanks, divd.....gal. .31½- —
99%, dms., incl., c.l., divd.. gal. .41½- —
l.c.l., divd.....gal. .44½- —
tanks, divd.....gal. .35 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - 2.35
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .63
Propyl, normal, dms., works, gal. 67 - —
smaller containers, works, gal. .82 - —
tanks, works.....gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia...lb. .55 - —
dms., c.l., Waverly, N. Y...lb. .40 - —
l.c.l., same basis.....lb. .50 - —
Aidol, dms., works.....lb. .13 - .15
denaturing grade, dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock.... long ton.67.50 - —
Algarobilla price based on ocean frt. at $12 insurance per long ton.
Algin, bbls., fib. dms.....lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .17 - .17½
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works.....lb. 1.05 - 1.10
Chloride, dms., c.l., divd....lb. .13½- —
l.c.l., divd.....lb. .14 - —
tanks, divd.....lb. .12½- —
Aloe, Cape, cs.....lb. No stocks
Curacao, kgs.....lb. .45 - .49
Socotrine, kgs.....lb. .43 - .41
Aloin, bbls., dms., kgs.....lb. 4.80 - 4.80
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks..gal. .89½- —
l.c.l., works.....gal. .91½- —
tanks, works.....gal. .86½- —
Alphaterpineol, dms., c.l., works. .lb. .1340- —
l.c.l., works.....lb. .1390- —
tanks, works.....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
divd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
divd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works. 100 lbs. 4.25 - —
divd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
divd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
divd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100 lbs. 4.25 - 5.00
Alumina, classified, grade, ground. kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solution, 24%, bbls., divd..lb. 10½- .11
20%, bbls., divd.....lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works. lb. .06 - —
l.c.l., works.....lb. 06½- .06¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb. .10 - —
Hydrate, heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., divd.....lb. .14½- —
bbls., divd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH$_3$) dms., 10,000 lbs. or or more, f.o.b. ship't point. lb. .03 - .03¼
ton lots, same basis..lb. .03¼- .03½
smaller lots, same basis, lb. .03¾- .04
conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, precip., bbls.....lb. .25 - .26
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., ctn., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald... 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald... 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works. 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%, c.l.....lb. .15 - —
l.c.l. .....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .59 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .38 - —
Aluminum powder, lining, extra, fine, 100-lb. dms.....lb. .93 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms.....lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms...lb. .36 - —
varnish, stand., 300-lb. dms.. lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz. 8.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia, anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works... ton.69.00 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .15½
Borate, gran., bbls., kgs....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .29 - —
Carbonate, USP, lump, dms..lb. .08¼- .09¼
cns. .....lb. .14¼- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .12 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride,[6] bbls.....lb. No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point.....ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.50
bbls., works.....100 lbs. 4.55 - —
Nitrate - limestone, 20.5% N. bgs., Hopewell, Va..ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran. bbls.....lb. .23 - —
dms. .....lb. .25 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs...lb. .37 - .39
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works.....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.16
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .06½- —
Sulphamate, bbls., works....lb. .18 - .21
Sulphate,[1] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports.....ton.29.20 - —
Sulphide, liquid, 40-45% basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., divd.....lb. .15 - —
tanks, divd.....lb. .07½- —
red, 48% cbys, works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .57 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bbls., c.l., works.... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. 17½- —
tanks, divd.....lb. 16 - —
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. 15½- —
l.c.l., same basis.....lb. 16½- —
tanks, same basis.....lb. 14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .68 - .85
Stearate, dms., works.....lb. .42 - —
Anethol, com'l, dms., works..lb. .657 - .682
NF, dms.....lb. 2.50 - 3.00
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.35
imported, natural, bls.....lb. 2.50 - 2.60
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld...lb. .12½- —
tanks, works, frt. alld.....lb. 10½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. No stocks
Chinese, star, enroute to N. Y., bgs..lb. .40 - .41
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .34 - .35
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 3.00 - 3.25
Annatto, paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. 08½- .09
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs...lb. .16¼- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l...lb. .16 - —
l.c.l. .....lb. .15½- —
paint grade, bgs., c.l.....lb. 16¾- —
l.c.l. .....lb. 16¾- —
Salt,[1,6] 65%, bgs., c.l., divd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. 17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .17 - .18
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity).80.00 -82.00
Arnica flowers, bls.....lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls..lb. .10½- .11
Arsenic, chloride (arsenous), bots. lb. 1.55 - —
Metal, lump, c.l.....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .78 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos, fiber[1] 5D and 5K bgs., c.l. (20 tons), Cana. mines. ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (30 tons), same basis..ton.33.00 - —
7D, bgs., c.l., same basis.ton.28.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba, A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite,[1] brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300-390° F. fusing point, not uniform, bgs., mines..ton.23.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy..ton.22.00 -23.00
l.c.l., same basis.....ton.24.00 -25.00
tanks, same basis.....ton.15.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....ton. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09½- .11½
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .14
grd., dms., l.c.l., works....lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes,[1] floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75% bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.00 - 1.10
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .20½- .26
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns....lb. .60 - .75
dms. .....lb. .55 - —
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms.....lb. 1.05 - 1.15
Chloride, tech., cbys., works, frt. equald..lb. .20 - —
refined, cbys.....lb. .21 - —
Cannamate, cns.....lb. 4.00 - 6.85
Formate, cns.....lb. 2.70 - 2.75
Propionate, bots.....lb. 1.85 - 2.45
Salicylate, bots.....lb. 1.80 - 1.85
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Benzylisoeugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .30 - .36
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, dms., works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works.....lb. .24½- —
Beth root, bls.....lb. .43 - .44
Bismuth chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.90
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.49
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 2.25 - —
bots .....lb. 1.20 - 1.23
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb cans.....lb. 2.54 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms...lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene, bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs, bbls., c.l., same basis. lb. .12 - —
3, bgs, bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. 11¼- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works.....lb. .055 - —
l.c.l., works.....lb. .06 - —
divd. or whse.....lb. .092 - —
uncompressed, regular, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., divd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07¼- —
SRF, bgs., c.l., works...lb. .03½- —
ctns., l.c.l., whse.....lb. .08 - —
Thermatonic, bgs., c.l., works, La..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. 06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08¼- —
Lamp, 1, ctns., c.l., works..lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14¼- —
l.c.l., works.....lb. .15¼- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27¼- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04½- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .84 - .85
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis....ton.46.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13 - —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .65 - .70
Blue,[1] alkali, dry, bbls., divd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
Toner, bbls., same basis....lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis..lb. .36 - —
Cobalt, genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).

OPD—1-28-1946

FROM WAREHOUSE STOCKS

We offer for immediate shipment:

CELLOSOLVE	OIL LEMON
CETYL ALCOHOL	PECTIN
CITRIC ACID	PHENOL
CREAM OF TARTAR	PINE OIL
DIBUTYL PHTHALATE	ROCHELLE SALTS
HEXYLRESORCINOL	SODIUM BENZOATE
HYDROGEN PEROXIDE	SODIUM BICHROMATE
LACTIC ACID	TARTARIC ACID
LANOLIN	TRIETHANOLAMINE
MYRISTYL ALCOHOL	TRISODIUM PHOSPHATE

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

CABLE "WILNEUBERG"

Blue, copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
80%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis. lb. 4.50 - 4.90
Iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .86 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Blue, violet, toner, molybdic, bbls., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes.
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Bluefiag root, bls.....lb. .70 - .75
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. No stocks
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 5.25
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .95 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .14 - .15
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03½- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03½- .10¼
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03½- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .45 - .49
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .35 - .37
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1800- —
l.c.l., same basis.....lb. .1910- —
tanks, same basis.....lb. .1760- —
tankwagon, same basis.lb. .1810- —
other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis.. .lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Butyl propionate, dms., divd..lb. .16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,5] ingots or sticks, divd. lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs., futures, lb. .60 - .65
Calamus root, natural, dom., bls. lb. .70 - .75
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Calcium, arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.80.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -34.50
l.c.l., divd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .35 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .60
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs..... .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —

ORONITE CHEMICALS

THE NAME TO WATCH IN CHEMICALS

Rapid Wetting Time...Quick Penetration...
ORONITE WETTING AGENT HAS BALANCE

Oronite* Wetting Agent is a semi-fluid product, light brown in color, consisting of a controlled combination of petroleum sulfonates selected to give a high degree of both wetting and penetrating power. The wetting properties of this product are unaffected even by hard water and acid solutions. Oronite Wetting Agent is stable in acid solutions at high temperatures. Its excellent wetting-out characteristics make it inherently superior for a great many industrial uses.

TYPICAL TESTS OF ORONITE WETTING AGENT

Content by Weight:		ASTM Color (of 5% solution in distilled water)	1½
Sodium sulfonate (by difference)	67.50%	pH (of 1% solution in distilled water)	7
Water by distillation	32.00	Wetting Time (0.5% solution with cotton duck), seconds	18
Sodium sulphate	0.40		
Water insoluble	0.03		

Write for technical bulletin "Oronite Wetting Agent" which contains comprehensive data and information about the product and its many uses. Laboratory samples will be sent without cost or obligation.

OTHER PRODUCTS by ORONITE

Oronite Sodium Sulfonates, derived from petroleum sulfonic acids, are used as emulsifiers, emulsion breakers, anti-rust compounds, fat-splitting agents, metal cleaners; in oil emulsions, insecticides and sprays.

Sodium Sulfonates are now off allocation.

Oronite Naphthenic Acids are available in several grades for use in the manufacture of detergents, greases, water soluble oils and wood preservatives, and as flotation agents.

Oronite Aliphatic Acids have valuable froth control properties in the flotation treatment of many types of ores.

Oronite Phthalic Anhydride is now off government allocation and available for use in the many processes employing this acid.

*REG. U. S. PAT. OFF. 1034

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, California
White-Henry-Stewart Bldg., Seattle 1, Wash.
30 Rockefeller Plaza, New York 20, New York
Standard Oil Bldg., Los Angeles 15, California

‹Calcium, phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 p. over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0625- —
bgs., l.c.l., works.....lb. .0645- .0680
Resinate, precip., 5.5% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .26
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13½- .19½
‹Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
‹Calendula flowers, bls.....lb. 2.60 - 2.65
‹Calomel, bbls., dms.....lb. 2.44 - 2.45
‹Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works.lb. .42 - —
10 bbls. (1,800 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
‹Camphor, monobromated, dms.lb. 3.20 - —
‹Canada balsam (see Fir balsam).
‹Cantharides .....lb. No stocks
‹Capsicum (see Pepper, red).
‹Capsicum oleoresin, USP VII, cns..lb. 4.50 - 4.65
‹Caramel coloring, bbls.....gal. .70 - 1.10
‹Caraway seed,[1] California, Dutch type..lb. .64 - .65
Canadian, bgs.....lb. .63 - .64
Danish, bgs., futures..... lb. .63 - .64
Dutch, bgs., futures..... lb. .64 - .65
Morocco, dewhiskered, futures, bgs..lb. .62 - .63
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .66 - .69
‹Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
90%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
‹Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
‹Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1] c.p., dms., c.l. lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .88 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore. Utah, Wash. and Montana points W. of Billings.
‹Cardamom,[1] bleached, bold, cs., lb. 1.35 - 1.40
medium, cs.....lb. 1.30 - 1.35
decorticated, Guatemala, cs..lb. 1.10 - 1.12
India, cs.....lb. 1.15 - 1.20
green, Alleppey, bgs.....lb. .90 - .92
‹Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd. .....gram. 2.90 - —
in vegetable oil, 200,000 USP units per gm., bots., works. lb.37.80 - —
50,000 USP units per gm., bots., works..lb. 8.42 - —
dms., works.....lb. 7.68 - —
6,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works lb .66 - .71
‹Carvol, bots.....lb.16.00 -20.00
Cascara sagrada bark, bulk .c. .43 - .45
Case-hardening mixture, 80% gran., dms., l.c.l lb .08¾- —
slabs, dms., l.c.l lb. .08¾- —
‹Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point lb 24 - —
20 to 99, same basis ..lb .24¼- —
less than 20, same basis. lb .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb .25¼- —
20 to 99, same basis....lb .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .26½- .26½

Cassia,[1,7] China, buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures, lb. .46 - .47
extra select, broken, bls., futures..lb. .42 - .45
Cassia fistula, bakts.....lb. .24 - .28
Castor beans,[7] bgs., Brazilian ports..long ton.100.00 -102.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.00 -13.00
synth, bots.....lb.10.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55
Celery seed,[1] French, bgs.....lb. No stocks
Indian, bgs.....lb. .22½- .23
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .36 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.

Cellulose acetate-propionate, flake, high (31.5% propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .36 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .03½- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs. lb. .52 - .58
Roman, bls., futures.....lb. 1.75 - 1.85
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ret., c.l., works. ton.31.00 -33.75
briquets, bulk, c.l., works... ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ret., c.l., works..ton.23.65 - —

Charcoal pinewood,[1] lump, bgs., c.l., Southern shipping points..ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.30.30 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton.41.00 - —
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.23 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.85
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.13
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay,[1] dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton.16.00 - —
bulk, c.l., works.ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 90½%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks.,l .c.l., ex whse.ton.41.00 - —
Chloral hydrate, jars.....lb. .92 - .95
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l....lb. .05½- —
contracts .....lb. .05¾- —
l.c.l. .....lb. .07½- —

Spot Deliveries

COPPER SULPHATE
88% - 92% SOAP POWDER & SOAP FLAKES
HEAVY CALCINED MAGNESIA White
DICALCIUM PHOSPHATE Pure Food Grade
CAUSTIC POTASH
SODIUM BICHROMATE
BLEACHING POWDER 35% - 37%
DDT
CAUSTIC SODA
MAGNESIUM METAL POWDER High Purity
ZINC OXIDE American Process
METHYLENE CHLORIDE
ALUMINUM ACETATE

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NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

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CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Chlorine, tanks, single units, works, frt. equald.100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .22
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 100-lb. cyl., 100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.16
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 23% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Chrome fluoride, bbls., wks....lb. .24 - .27
Cake, bulk, c.l., works.....ton.16.00 - —
Ore[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[4] red, quill, USP, 10 in., cas..lb. 1.20 Nom.
Cinchonidine,[4] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchonine[4] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms....lb. .85 - .95
Cinnamon,[1,7] Ceylon, O, bls., fu-tures..lb. .5202- —
OO, bls., futures.....lb. .5320- —
OOO, bls., futures.....lb. .5407- —
OOOO, bls., futures.....lb. .5494- —
No. 1, bls., futures.....lb. .5145- —
2, bls., futures.....lb. .5058- —
3, bls., futures.....lb. .4958- —
4, bls., futures.....lb. .4858- —
Citral, bots., cns.....lb. 4.50 - 6.50
Citrine, ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. No prices
Citronellol, bots., dms.....lb. No prices
Clove,[1] Madagascar, bls.....lb. .15½- .16
futures, bls.....lb. .16 - .16½
Zanzibar, bls.....lb. .17¼- .17¾
futures, bls.....lb. .17 - .17½
Clover tops, red, dom., bgs....lb. .50 - .55
imported, bgs.....lb. No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., 50-gal., bbls., c.l, wks. bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .06½- —
water-gas, crude, 55 gal., dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., 55-gal. dms., c.l., wks. dm. 8.75 - —
l.c.l., works.....dm. 9.25 - —
Cobalt acetate, bbls., kgs., dlvd.. lb. .83½- —
feed grade, 49.5% Co, kgs..lb. 1.25 - —
Carbonate, powd., bgs., works.. lb. 1.58 - —
feed grade, 23% Co, kgs....lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate, bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs....lb. 2.25 - —
Cobalt linoleate, paste 5%, dms. lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[1] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co, 50-gal. dms..lb. .42 - .44
Cobalt sulphate, dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.
Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .46 - .47
silver, Teneriffe, bgs.....lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —
Cocillana bark, bgs.....lb. No prices
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .29½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .13
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns.....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25¼- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19¼- .20½
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .23½- .28½
Oxide, black, bbls., works...lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[3] bgs...lb. .17 - .20
Resinate, precip., 8.5% Cu, 125-lb. dms..lb. .13½- .16
Sulphate,[1] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.15 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..100 lbs.10.20 - —
smaller lots, dlvd..100 lbs.10.95 - —
dms., c.l., dlvd.....100 lbs. 6.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.85 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra,[7] Coast, ship't.....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .09½- .10
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .09½- .10
So. American, bgs.....lb. .10 - .10¼
Corn silk, bls.....lb. .45 - .46
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.... 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.271 - —
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. .22 - .26
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .91
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .51½- —
smaller lots, bbls., kgs., lb. .52 - .52½
imported, bls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .3325
l.c.l., same basis....gal. .23 - .35
tanks, same basis....gal. .19 - .19½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, N.F., bots., cbys. lb. .60 - .77
Pine, dms.....gal. .31 - .32
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10¼
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
l.c.l., works.....lb. .09½- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .34½- .35
Morocco, bgs.....lb. No stocks
Syrian, bgs.....lb. .40 - .41
Cutch, bgs.....lb. No stocks
Cyanamid,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works.....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Damiana leaves, bls.....lb. .45 - .46
Dandelion root, bls.....lb. .70 - .75
DDT, fiber, dms., c.l., works..lb. .48 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, works.lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .28½- .28½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l.. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots...lb. 5.50 - 5.55
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —

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PEROXIDE CP

30% to 90% by weight H_2O_2

Research, scientific and chemical engineers throughout industry will be interested in this conentrated hydrogen peroxide of high quality, which now becomes a valuable new chemical tool in times of peace.

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Well within all A. C. S. impurity specifications.

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Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., dlvd..lb. 2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2106
Sulphide, l.c.l., dms., works..lb. .25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat. bgs., c.l., Pacific coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2270- .2900
1-gal., cns., works.....gal. .2470- .3100
dms., c.l., works.....lb. .1720- .2359
l.c.l., works.....lb. .1770- .2409
tanks, works.....lb. .1620- .2259
Sebacate, dms., c.l., works..lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .66 - —
l.c.l., works.....lb. .69 - —
Dichlorodiphenyltrichloroethane (see DDT)
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½ - —
l.c.l., same basis.....lb. .24½ - —
tanks, same basis.....lb. .22½ - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .80 - —
Oxalate, dms., c.l., dlvd.....lb. .30½ - —
l.c.l., dlvd.....lb. .31 - —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l., dlvd.....lb. .2075- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works..lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Diethyleneglycol, monoethylether, dms., c.l., wks..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Digiycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .13 - .13½
dewhiskered, bgs.....lb. .10½- .11
Dimethyl phthalate, dms., c.l., dlvd..lb. .16¾- —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .17¾- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .14 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin, dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1] destructive dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,6] 42% tannin, c.l., U.S. ports, ex dock..ton.67.00 -69.00
Doggrass root, dom., cut, bls.lb. .30 - .35
imp., NF, cut, bls.....lb. .50 - .55
Dogwood, Jamaica, bark, bls..lb. .10 - .11
Dover's powder, USP, cns....lb. No stocks
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.80 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns..lb. 8.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —

Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C, No. 1, cns.....lb. 8.35 - —
Blue, D&C, No. 4, cns.....lb.12.75 - —
Brown, D&C, No. 1, cns....lb.12.75 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 3, cns....lb. 8.35 - —
No. 4, cns.....lb.13.35 - —
No. 10, cns.....lb.18.85 - —
Yellow, D&C, No. 7, cns.....lb. 8.35 - —
No. 8, cns.....lb. 8.35 - —
No. 11, cns.....lb.10.85 - —
No. 10, cns.....lb.18.85 - —
No. 22, cns.....lb. 8.35 - —
No. 13, cns.....lb.18.35 - —
No. 27, cns.....lb.12.85 - —
Red, D&C, No. 8, cns.....lb. 2.85 - —
No. 17, cns.....lb. 8.35 - —
No. 18, cns.....lb.15.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1 cns...lb.10.35 - —
No. 3, cns.....lb.21.35 - —
No. 8, cns.....lb. 7.85 - —
No. 10, cns.....lb.12.35 - —
No. 13, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 8.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
86 Chrome yellow, 2G...lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophemin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F.....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
lb. .35 - .50
502 Direct ascrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
688 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
665 Nigrosin derivatives....lb. .36 - .44
Blue—
7075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone, violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

ONE OF 96 DOW CHEMICALS USED BY THE PHARMACEUTICAL INDUSTRY

all dressed up and ready to sell!

Dow Epsom Salt, U.S.P.

Available now in this attractive new carton

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Pharmaceutical Chemicals

DOW
CHEMICALS
INDISPENSABLE TO INDUSTRY

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
876 Methylene gray.....lb. 1.50 - —
900 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1004 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —

Blue—
714 Patent blue A.....lb. 1.05 - 1.10

Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
832 Bismarck brown R...lb. .47 - .62
798 Phosphin .....lb. 4.65 - —

Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green..lb. 2.00 - —

Orange—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —

Red—
70 Ponceau R.....lb. .46 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .69 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —

Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —

Yellow—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .50 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .89 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—
864 Nigrosin .....lb. .36 - .44

Blue—
800 Indulin .....lb. .60 - .70

Brown—
331 Bismarck brown.....lb. 1.50 - —

Green—
657 Malachite green base.lb. 2.00 - —

Orange—
20 Chrysoidin G.....lb. .96 - —
21 Chrysoidin R.....lb. .96 - —

Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
740 Rhodamine R.....lb. 4.75 - —

Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —

Violet—
680 Methyl violet base...lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.08 - 1.14
Imported .....lb. No stocks
Elde, flowers, bright, bls.....lb. .75 - .85
Elecampane root, bls.....lb. .55 - .60
Elm bark, grinding, bls.....lb. .35 - .36
powd., bbls., bxs.....lb. .55 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots...oz.44.50 -45.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots, 100 oz...oz. .65 - —
Ephedrine hydrochloride, tin, 100 ozs..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½ - —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —

Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland Houston, New Orleans, New York.

Ergot, USP, cns.....cs. 1.60 - 1.65
Eserine, bots.....oz. No prices
Sulphate, 1-gram, vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .80 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs.lb. .98 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., wks...lb. .14½ - —
l.c.l., works.....lb. .15½ - —
tanks .....lb. .12½ - —

Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .1050- .1200
l.c.l., frt. alld.....lb. .1100- .1250
tanks, frt. alld.....lb. .0950- .1100
95-98%, dms., c.l., frt. alld.lb. .1075- .1275
l.c.l., frt. alld.....lb. .1125- .1225
tanks, frt. alld.....lb. .0975- .1175
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .50 - .52
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E...lb. .58 - —
Chloride, tech. ,dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns.....lb. 3.50 - 3.90
Formate, dms., Agnue, Calif., lb. .28 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .36½
Myristate, dms., works.....lb. .58 - —
Oenanthate, dms.....lb. 1.10 - 1.15
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, dms., l.c.l., works..lb. .77 - —
Ethylcellulose, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works.....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0842- —
West of Rockies..lb. .0891- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0891- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0743- —
West of Rockies..lb. .0792- —
Trichloride (see Trichloroethane).
Ethyleneglycol, dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether, dms., c.l., wks. lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .12½- —
Monoethylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylemorphine hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 2.55
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .16 - .17

F

Feldspar,[1] enamel, 100 mesh, ton.17.00 -20.50
bulk, c.l.....ton.14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l.....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works.....ton.17.00 -19.00
Fennel seed, Argentine, bgs...lb. .27 - .27½
Indian, bgs.....lb. .16½ Nom.
Fenugreek, domestic, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .10½- .11
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.40.00 - —
Film scrap, colored, cs., works.lb. .13½- .15
water-white, cs., works.....lb. .14½- .17
Fir balsam, Canada, cns....gal.18.50 -20.00
Oregon, bbls.....gal. 2.50 - 2.60
Fishberries, bgs.....lb. .24 - .25
Fishliver oils (see Oil, fishliver).
Fishmeal,[1,7] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, bgs., E. works, ton.78.50 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast..ton.66.50 - —
Flake, white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, dom., French-type, bgs. lb. .62 - .64
French, black, bgs.....lb. No stocks
Indian, blonde, bgs.....lb. .18½- .22
Fluorspar,[1] No. 1, ground, 95-98% CaF_2 bulk, c.l., mines, net ton.37.00 - —
washed, gravel, 70% or more CaF_2 c.l., bulk, mines..ton.33.00 - —
65% c.l., bulk, mines....ton.32.00 - —
60% c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1] bbls., c.l., works, lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C....lb. .0345- —
Fringetree bark, bls.....lb. .55 - .56
Fuller's earth,[1] dom., powd., bgs., c.l., Fla., Ga. mines.. ton. 9.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne...ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural, ref., dms., c.l., works, lb. .15½- —
cns., dms., l.c.l., works....lb. .18½- .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., cns., dms.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic extract, cryst., No. 1, bbls., l.cl..lb. .33 - —
No. 1A, bbls., l.cl.....lb. .34 - —
No. 2, bbls., l.c.l.....lb. .33 - —
No. 3, bbls., l.c.l.....lb. .31 - —
liquid, No. 0, bbls., l.c.l....lb. .19 - —
No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .14 - —
solid, No. 1, bxs., l.c.l.....lb. .20¾- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
Gambier, cube, Singapore, cs..lb. No stocks
Extract, bbls.....lb. No stocks
Gammapicoline, 95%, dms., c.l., works..lb. 1.35 - —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks, gal. .06 - —
Bayonne, 73-75 oct., tank, gal. .08 - —
Gulf Coast, 73-75 oct., tanks, gal. .06 - —
Group 3, 73-75 oct., tanks, gal. .05½- .06
Pennsylvania, western, US motor, 74 octane, leaded, tanks..gal. .07 - .07¾
natural, 26/70, Group 3, tanks, gal. .04½- .04¾
Gelatin, silver label, ctns., dlvd., lb. .90 - .97
export, cs.....lb. 1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Gelsemium root, bls.....lb. No stocks
Gentian root, bls.....lb. .36 - .38
grd., bbls., bxs.....lb. .38 - .40
powd., bbls., bxs.....lb. .39 - .41
Geraniol, 92-96%, cns., dms....lb. No prices
Geranyl acetate, cns.....lb. 3.50 - 3.60
Ginger,[1] African, No. 1, bls...lb. .15 - .15½
Calicut, Romeo-type, bgs....lb. .16½- .17
Cochin, bleached, bgs.....lb. .17 - .17½
unbleached, bgs.....lb. .16½- .16¾
Jamaica, No. 1, bgs.....lb. .23 - .23½
No. 2, bgs.....lb. .21½- .22
No. 3, bgs.....lb. .17½- .18
Rhattoon, bgs.....lb. .17 - .17½
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., works.... 100 lbs. 1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest. lb. .16 - .23
30/58, bgs., c.l., same basis..lb. .15½- .22½
58/82, bgs., c.l., same basis. lb. .17 - .24
82/108, bgs., c.l., same basis. lb. .18½- .25½
Bone glue, l.c.l. prices 1c. higher than c.l.
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd....lb. .14 - .21½
122-149, bgs., c.l., dlvd.....lb. .15 - .22½
150-177, bgs., c.l., dlvd.....lb. .16 - .23½
178-206, bgs., c.l., dlvd.....lb. .17 - .24½
207-236, bgs., c.l., dlvd.....lb. .18 - .25½
237-266, bgs., c.l., dlvd.....lb. .19 - .26½
267-298, bgs., c.l., dlvd.....lb. .20 - .27½
299-330, bgs., c.l., dlvd.....lb. .21 - .28½
331-362, bgs., c.l., dlvd.....lb. .22 - .29½
363-394, bgs., c.l., dlvd.....lb. .23 - .30½
395-427, bgs., c.l., dlvd.....lb. .24 - .31½
428-460, bgs., c.l., dlvd.....lb. .25 - .32½
461-494, bgs., c.l., dlvd.....lb. .26 - .33½
495-529, bgs., c.l., dlvd.....lb. .27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks...lb. .12¾- —
soaplye, 80%, tanks.....lb. .11½- —
dynamite, dms., c.l.....lb. .17½- .18¼
l.c.l. .....lb. .18 - .18¾
tanks .....lb. .17¼- .18
high gravity, dms., c.l.....lb. .17½- .18¼
l.c.l. .....lb. .18 - .18¾
tanks .....lb. .17¾- .18
refined, E.P. 96%, dms., c.l..lb. .18¾- —
l.c.l. .....lb. .19¼- —
tanks .....lb. .18½- —
USP, 95%, dms., c.l.....lb. .18¼- —
l.c.l. .....lb. .18¾- —
tanks .....lb. .18 - —
yellow, distilled, dms., c.l..lb. .17¾- —
l.c.l. .....lb. .18¼- —
tanks .....lb. .17¾- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold chloride, acid-brown, bots. oz.20.75 -21.00
acid-yellow, bots.....oz.16.75 -19.00
Gold-soda chloride, photo., bots.. oz.18.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 8.50 - 8.75
powd., bxs.....lb. 9.00 - 9.25
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .30 - .37
Graphite,[1] dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04½- —
70-75%, bgs., same basis. lb. .05 - —
75-80%, bgs., same basis. lb. .05½- —
80-85%, bgs., same basis. lb. .06 - —
85-90%, bgs., same basis. lb. .07 - —
90% and up, same basis. lb. .08 - —
Grease, house,[1,7] loose.....lb. .08¼- —
White, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[2] chromavin toner, molybdic, kgs., works..lb. 3.25 - —
tungstic, kgs., works.....lb. 3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
15% bbls., same basis...lb. .26 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08½- —
17-19%, bbls., same basis.lb. .08¾- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09½- —
26-27%, bbls., same basis.lb. .09¾- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
Green, chrome, reduced color, 70%, bbls., same basis...lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Chrome green prices are ½c. higher dlvd.

Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Green, chrome oxide, pure, dms., wks..lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide, bbls., works....lb. .85 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .21 - .22
Guaiac, resin, cs.....lb. .26 - .32
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, N.F., bots., cbys..lb. 1.60 - 1.86
Carbonate, dms.....lb. 2.40 - 2.45
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber, sorts, bgs....lb. .12½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial cns.....lb. 1.75 - 2.35
Siam, cns.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo,[1] sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., c.l., same basis, lb. .21½- —
32, bgs., c.l., same basis, lb. .16¾- —
33, bgs., c.l., same basis, lb. .14½- —
34, bgs., c.l., same basis, lb. .09¾- —
35, bgs., c.l., same basis, lb. .15¾- —
36, bgs., c.l., same basis, lb. .12¾- —
37, bgs., c.l., same basis, lb. .18¾- —
38, bgs., c.l., same basis, lb. .12¾- —
39, bgs., c.l., same basis, lb. .10¾- —
40, bgs., c.l., same basis, lb. .06½- —
41, bgs., c.l., same basis, lb. .11¾- —
unsorted, No. 1, bgs., same basis..lb. .15½- —
2 bgs., c.l., same basis.lb. .13¾- —
3, bgs., c.l., same basis.lb. .12¼- —
FAD, bgs., c.l., same basis, lb. .15¾- —
East India,[1] Batu, bold, scraped, c.l., same basis.lb. .10½- —
unscraped, same basis..lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis...lb. .06½- —
nubs and chips, same basis..lb. .05¾- —
Momboyo, No. 1, bgs., c.l., ex dock or port, whse. lb. .13¼- —
nubs and chips, same basis, lb. .07¼- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07¼- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis....lb. .11½- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis..lb. .05½- —
nubs, same basis..lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bskts., c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNB, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15¼- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l...lb. .08¾- —
Philippine,[1] Manila, extra, bold and bold, pale, scraped, bskts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust same basis....lb. .08¾- —
SG, same basis.....lb. .10¼- —
small chips, same basis..lb. .11¾- —
c.l., same basis..lb. .23¾- —
Pontianak, bld., scraped, bgs., mixed, same basis..lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. 35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .29¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .25¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.a., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12¾- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis...lb. .17¼- —
Gum, dammar, l.c.l., prices ¼c. to ½c. higher.

H-Scale*

SYNTHETIC PEARL ESSENCE

are you hit by the shortage of fish scale (PEARL ESSENCE)?

CELANESE H-SCALE WILL KEEP YOUR PRODUCTION GOING

H-Scale is a simulated pearl essence. Enlarged production of this Celanese synthetic to meet emergency demands is under way.

H-Scale is a dispersion of very minute pure white nacreous crystals suspended in vehicles for incorporation in coatings. Because of its remarkable brilliancy, only a small amount is required in a clear lacquer or dope to produce a film with a silvery sheen or lustre.

H-Scale is used in pearl finish dips, dips for jewelry, electrical fixtures, novelties, buttons, buckles, decorations . . . in coatings for boxes, caskets, metal articles, etc.

H-Scale is a low cost and effective substitute for fish scale essence. Write or call for additional information and prices. Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.

*Reg. U. S. Pat. Off.

A *Celanese** *Chemical*

Gum, elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09¼- .09¾
Ester,[1] gum-rosin, type, dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va...lb. .1300- —
l.c.l., dlvd., Ill., etc.....lb. .1325- —
other points, same basis, lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipes, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis...lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
dust, pale, same basis...lb. .20¾- —
Gum, kauri, white, extra, same basis..lb. .25½- —
No. 1, same basis.....lb. .45 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
Superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .50 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .35
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .97½- .99½
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.80 - 3.90
No. 2, cs.....lb. 2.75 - 3.30
No. 3, cs.....lb. 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Gypsum, plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich., Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard ,Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y.; works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 5, bbls., l.c.l.....lb. .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,6] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.35 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .22
Heptane,[1] industrial grade, 50°-100° C., dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
77°-115° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .13½- —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .10¼- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - .55
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -25.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago.... unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10¼- .13
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.29.00 -32.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .13½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 5.75 - 5.80
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid. No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.30

I

Iceland moss, bgs.....lb. .50 - .52
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.19.50 -22.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.07 - —
150-lb. kgs.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.50
Methyl, bot.....lb. 8.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut, USP IX, 100-lb. cbys.lb. .17 - —
50-lb djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.40 - 3.52
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red., tech., dms....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17¼- —
Sulphate, tech. (see Copperas, and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scale, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - .95
Propionate, dms., works....lb. No prices
Isoeugenol, cns., works.....lb. 3.75 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l. E. of Rockies, same basis..lb. .11½- .13
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., dlvd.....lb. .06 - —
l.c.l.....lb. .06½- —
tanks, dlvd.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

now available from our pilot plant

Hydroquinone Mono Methyl Ether

(4-Methoxy Phenol)

White Flakes: M. P. 53-54°C, B. P. 241-243°C

Hydroquinone Mono Ethyl Ether

(4-Ethoxy Phenol)

White Flakes: M. P. 65-66°C, B. P. 246-247°C

Solubility (Percent of Solution) at 30°C

	Water	*Acetone*	*Ethyl Acetate*	*Alcohol*	*Benzene*
Hydroquinone Mono Methyl Ether	4.0%	81.5%	71.5%	82.5%	41.5%
Hydroquinone Mono Ethyl Ether	1.0%	75.5%	60.5%	75.5%	33.5%

These products have applications in the manufacture of antioxidants, pharmaceuticals, plasticizers, dyestuffs, and various organic syntheses.

Tennessee Eastman Corporation, Kingsport, Tenn.

J

Jaborandi leaves, bls.	lb.	.09 -	.10
Jalap root, NF, bls.	lb.	.22 -	.23
powd., bbls., bxs.	lb.	.28 -	.29
Resin, lump, cns.	lb.	5.85 -	—
powd., bxs.	lb.	5.90 -	—
Juniper berries, dom., bgs.	lb.	.45 -	.60
Juniper tar, USP, dms.	lb.	.85 -	1.00

K

Kalama, cns.	lb.	.45 -	.46
Kaolin (see China clay).			
Kava kava root, bls.	lb.	.35 -	.36
Kerosene, at refinery: Ark., 42-44 w.w., tanks	gal.	.04½-	—
Bayonne, 41-43 w.w., tanks	gal.	.061 -	—
California, 40-43 w.w., tanks	gal.	.07 -	—
Gulf ports, 41-43 w.w., tanks	gal.	.04⅜-	.04½
Okla.-Tex., 41-43 w.w., tanks	gal.	.04⅜-	—
Penn., 45 w.w., tanks	gal.	.0625-	.0655
47 w.w., tanks	gal.	.0655-	—
Kola nuts, bgs.	lb.	.00 -	.10
Kyanite,[1] imp., low iron content, 10-mesh, whse.	ton.	65.00 -	95.00
calcined, grain, 10-mesh, whse.	ton.	95.00 -	105.00

L

Ladyslipper root, bls.	lb.	1.35 -	1.40
Lanolin (see Adeps lanae).			
Lard,[1,7] pure, ref. tres.	lb.	.1522½-	—
prime steam, tres.	lb.	.1443-	—
Larkspur seed, bgs.	lb.	1.10 -	1.15
Laurel berries, bls.	lb.	.25 -	.26
Leaves, Cyprus, bls.	lb.	.23¾-	.23¾
Greek, bls.	lb.	No stocks	
Portuguese, bls.	lb.	.14½-	.15
Turkish, bls.	lb.	.17 -	.17½
Lavender flowers, medium, bls.	lb.	.75 -	.80
ordinary, bls.	lb.	.48 -	.60
select, bls.	lb.	.90 -	.95
Lead, acetate,[1] white, broken, bbls.	lb.	.12¼-	—
cryst., bbls.	lb.	.12¼-	—
gran., powd., bbls.	lb.	.13¼-	—
Arsenate,[1,8] basic powder, 3-lb. bgs. or larger, c.l.	lb.	.11½-	.12
l.c.l.	lb.	.12 -	.12½
1-lb. ctns. c.l.	lb.	.13½-	.22¾
l.c.l.	lb.	.19 -	.23
standard paste, cns. c.l.	lb.	.05¾-	.06
l.c.l.	lb.	.06 -	.06¼
powder, 3-lb. bgs., or larger, c.l.	lb.	.11 -	.11½
1-lb. bgs., c.l.	lb.	.16 -	.20
l.c.l.	lb.	.16½-	.20½
1-lb. ctns., c.l.	lb.	.18 -	.23
l.c.l.	lb.	.18½-	.23½
½-lb. ctns., c.l.	lb.	.21 -	.25
¼-lb. ctns., l.c.l.	lb.	.21½-	.25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½-	—
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¾-	—
l.c.l., dlvd. E.	lb.	.07¾-	—
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08 -	—
Carbonate (see Lead, white).			
Chloride, fib. dms.	lb.	.49 -	—
Iodide, NF V. bots.	lb.	2.80 -	—
jars	lb.	2.69 -	—
Linoleate, pale, precip., bbls.	lb.	.22½-	—
Metal,[1,8] (see Protective Coatings Materials market).			
Metallic paste, dms., works.	lb.	No stocks	
Naphthenate, 24%-30%, Pb.	lb.	.14¾-	.17½
Nitrate, bbls.	lb.	.12¼-	—
Oleate, bbls.	lb.	.17¾-	—
Peroxide, powd., tech., bbls.	lb.	.23 -	.28
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼-	—
other points	lb.	.09 -	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09¾-	—
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾-	—
Colo., Mont., N. Mex., Wyo.	lb.	.10 -	—
other points	lb.	.09½-	—
smaller lots, Ala., etc.	lb.	.10¼-	—
Ariz., etc.	lb.	.10⅝-	—
Colo., etc.	lb.	.10½-	—
other points	lb.	.10 -	—
In oil, kgs.	lb.	.14 -	—
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc.	lb.	.09½-	—
other points	lb.	.09¾-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10 -	—
Ariz., etc.	lb.	.10½-	—
Colo., etc.	lb.	.10½-	—
other points	lb.	.09¾-	—
smaller lots, dlvd. Ala.,	lb.	.10⅜-	—
Ariz., etc.	lb.	.11 -	—
Colo., etc.	lb.	.10¾-	—
other points	lb.	.10¾-	—
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.	lb.	.09¾-	—
other points	lb.	.09½-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¼-	—
Ariz., etc.	lb.	.10⅜-	—
Colo., etc.	lb.	.10½-	—
other points	lb.	.10 -	—
smaller lots, dlvd. Ala., etc.	lb.	.10½-	—
Ariz., etc.	lb.	.11¼-	—
Colo., etc.	lb.	.11 -	—
other points	lb.	.10½-	—
Resinate, precip., 23.3% Pb., dms.	lb.	.17½-	—
Silicate, bgs.	lb.	.0730-	.0780
Soyate, 26.15% Pb., dms.	lb.	.22¼-	—
Stearate, bbls.	lb.	.31 -	.35
Sulphate (see Lead, blue; Lead, white, basic sulphate).			
Tallate, 10% Pb. dms.	lb.	.06½-	—
titanate, bgs., bbls., c.l., works, frt. alld.	lb.	.11 -	—
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11¼-	—
Pac. Cst., ex whse.	lb.	.11½-	—
smaller lots, E. frt. alld.	lb.	.11¼-	—
Pac. Cst., ex whse.	lb.	.11⅝-	—
White, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.06½-	—
dlvd. other points	lb.	.06¾-	—
l.c.l., dlvd. Ariz., etc.	lb.	.06¾-	—
other points	lb.	.06½-	—
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc.	lb.	.07¼-	—
other points	lb.	.07¼-	—
l.c.l., dlvd. Ariz., etc.	lb.	.08 -	—
other points	lb.	.07½-	—
in oil, consumers, kgs.	lb.	.13¼-	.13¾
painters, kgs.	lb.	.12¼-	.12½
Lecithin, edible, dms., c.l.	lb.	.25¼-	—
l.c.l.	lb.	.26½-	.45
in cocoa butter, dms., c.l.	lb.	.29¼-	—
l.c.l.	lb.	.40¾-	.50
tech., dms., c.l.	lb.	.25¼-	—
l.c.l.	lb.	.26½-	.45
vegetable, pure, bots, 100 lbs.	lb.	2.75 -	—
Lemon peel, bls.	lb.	.30 -	.35
Licorice extract, mass, cns.	lb.	.35 -	.72
powd., bbls.	lb.	.60 -	.66
Root, Indian, bls.	lb.	.12 -	.14
powder, bbls.	lb.	.18 -	.20
Russian, bls.	lb.	.12 -	.16
Spanish, bls.	lb.	.12 -	.13
Turkish, bls.	lb.	.12 -	.13
Lignin extract, tanning grade, bgs., c.l., works	lb.	.04 -	—
Lime, chemical (quicklime) lump, pebble, Adams, Mass.	ton.	8.00 -	—
Annville, Pa.	ton.	7.50 -	—
Bellefonte, Pa.	ton.	7.50 -	—
Berkeley, W. Va.	ton.	7.50 -	—
Buffalo, N. Y.	ton.	9.25 -	—
Carey, Ohio.	ton.	7.00 -	—
Cedar Hollow, Pa.	ton.	8.50 -	—
Crab Orchard, Tenn.	ton.	6.90 -	—
Eagle Mountain, Va.	ton.	7.65 -	—
Farnams, Mass.	ton.	8.00 -	—
Gibsonburg, Ohio.	ton.	7.50 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	6.90 -	—
Knoxville, Tenn.	ton.	6.90 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	6.90 -	—
Manistique, Mich.	ton.	8.00 -	—
Marblehead, Ohio.	ton.	7.50 -	—
Martinsburg, W. Va.	ton.	7.50 -	—
Menominee, Mich.	ton.	8.00 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.90 -	—
Ripplemead, Va.	ton.	7.65 -	—
Riverton, Va.	ton.	7.65 -	—
Rockland, Maine.	ton.	8.00 -	—
Scioto, Ohio.	ton.	6.50 -	—
Sherwood, Tenn.	ton.	6.90 -	—
Sherwood, Wisc.	ton.	6.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio.	ton.	7.50 -	—
York, Pa.	ton.	7.50 -	—
Hydrated, Adams, Mass.	ton.	9.00 -	—
Annville, Pa.	ton.	9.00 -	—
Bellefonte, Pa.	ton.	9.00 -	—
Berkeley, W. Va.	ton.	9.00 -	—
Buffalo, N. Y.	ton.	9.50 -	—
Carey, Ohio.	ton.	8.50 -	—
Cedar Hollow, Pa.	ton.	10.00 -	—
Crab Orchard, Tenn.	ton.	9.65 -	—
Eagle Mountain, Va.	ton.	9.15 -	—
Farnams, Mass.	ton.	9.00 -	—
Lime, hydrated, Gibsonburg, Ohio.	ton.	8.50 -	—
Hannibal, Mo.	ton.	8.50 -	—
Keystone, Ala.	ton.	10.65 -	—
Knoxville, Tenn.	ton.	9.65 -	—
LeRoy, Minn.	ton.	10.00 -	—
Limedale, Ark.	ton.	9.00 -	—
Longview, Ala.	ton.	9.65 -	—
Manistique, Mich.	ton.	9.50 -	—
Marblehead, Ohio.	ton.	9.50 -	—
Martinsburg, W. Va.	ton.	9.00 -	—
Menominee, Mich.	ton.		
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.65 -	—
Petoskey, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. Dak.	ton.	12.00 -	—
Ripplemead, Va.	ton.	9.15 -	—
Rockland, Maine.	ton.	9.60 -	—
Scioto, Ohio.	ton.	8.00 -	—
Sherwood, Tenn.	ton.	10.65 -	—
Sherwood, Wisc.	ton.	10.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio.	ton.	8.50 -	—
York, Pa.	ton.	9.00 -	—
Spray, paper bgs., Adams, Mass.	ton.	10.00 -	—
Annville, Pa.	ton.	10.00 -	—
Bellefonte, Pa.	ton.	10.00 -	—
Carey, Ohio.	ton.	11.00 -	—
Farnams, Mass.	ton.	9.50 -	—
Gibsonburg, Ohio.	ton.	10.00 -	—
Marblehead, Ohio.	ton.	10.00 -	—
Rockland, Maine.	ton.	10.00 -	—
Scioto, Ohio.	ton.	10.00 -	—
Woodville, Ohio.	ton.	10.00 -	—
York, Pa.	ton.	10.00 -	—
Lime salts (see Calcium).			
Lime-ammonia-nitrogen[8] 20.5% N. (see Ammonia nitrate-lime-stone).			
Linalool, cns.	lb.	7.75 -	7.80

with the powerful NEW toxicant,

VELSICOL 1068

[20% Concentrate]

Formerly advertised as Vel-Tox.

Due to confusing similarity of this trade name with products of other manufacturers, Velsicol's new insect toxicant will be known hereafter as

"VELSICOL 1068 (20% Concentrate)"

VELSICOL

So effective, so powerful is VELSICOL 1068 (20% Concentrate), that only 1% of it by volume in base oil plus a suitable knock-down agent, produces a spray with 99 to 100% kill of *flies* by Peet-Grady method. 10% of Velsicol 1068 (20% Concentrate) by volume in base oil yields a spray giving 99 to 100% kill of *cockroaches* by the Beltsville test method. In addition to the initial kills scored by insecticides formulated with VELSICOL 1068 (20% Concentrate), the exceptionally low volatility of the active component assures prolonged residual action. Velsicol 1068 has the further advantage over many other compounds and concentrates of being completely soluble in ordinary kerosene as well as in all other commonly sold non-aqueous solvents.

A reprint of the paper on Velsicol 1068 which appears in the current issue of the Journal of Economic Entomology can be obtained on request together with samples of Velsicol 1068 (20% Concentrate).

VELSICOL Corporation

Manufacturers of Insect Toxicants • Synthetic Resins • Aromatic Solvents • Coresin Core Oils

General Offices: 120 East Pearson Street, Chicago 11, Illinois

New York Office: 11 Park Place, New York 7, N. Y. • Detroit Office: 408 Boulevard Bldg., Detroit 2, Michigan

Linalyl acetate, ex lignaloe wood, bots..lb. 7.75 - 8.40
ex petitgrain, bots.....lb. 3.75 - 3.90
Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34%, bulk, c.i. ton.45.00 - —
32%, bulk, c.i.....ton.43.00 - —
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
Lithium carbonate, NF, cons., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.66
Hydroxide, jars.....lb. 1.25 - 1.46
Iodide, bots.....lb. 5.20 - —
jars.....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1] ordinary, bgs., c.l. (20 tons)..lb. .04¼- —
l.c.l. .....lb. .04½- —
bbls., c.l.....lb. .04¼- —
l.c.l. .....lb. .04⅝- —
titanated, (high-strength), bgs., c.l...lb. .0560- —
smaller lots.....lb. .0583- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .65 - .66
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..oz.35.50 -38.00
Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .22 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l....lb. .23 - —
No. 2, bxs., l.c.l.....lb. .26 - —
bbls., c.l., Zone 1.....lb. .09½- —
No. 4, bxs., l.c.l.....lb. .23 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .20½- .44½
Lovage root, American (ligusticum actae folium), bls..lb. 1.20 - 1.50
Lupulin, NF, tin.....lb.12.75 -13.00
Lycopodium, USP, cs.....lb. 1.75 - 2.00

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .96 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1] dms.....lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .09¾- —
l.c.l., Zone. 1.....lb. .10¾- —
Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.
Chloride, anhyd., bbls., dlvd.lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.33.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 -32.00
Maleic anhydride, dms., c.l....lb. .25 - —
l.c.l. .....lb. .28 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.25 - 1.30
Leaves, bls.....lb. .43 - .44
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .33 - .34
Manganese acetate, dms.....lb. .25½- —
Arsenate,[8] bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .10 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 24-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works..ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars.....lb. 5.55 - —
Linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 5.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10¼
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer grade, 65%, bgs., c.l., dlvd. Mast..ton.59.50 - —
l.c.l., same basis, or Balto. or Cincinnati..ton.68.50 - —
industrial grade, 80%, bgs..lb. .06 - .06¾
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,6] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.63.00 -64.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[6] com'l, bbls., works.lb. .35 - .40
reagent, cs. or multiples, works..lb. .85 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls.....lb. .13½- .14
Matico leaves, bls.....lb. .22 - .24
Menadione, USP, bots.....gram. .10 - —
Menthol, natural, USP, cns...lb. 4.45 - 4.55
synthetic, tech., cns.....lb. No prices
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.65
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.88 - 1.90
Mercury bichromate[3] (see Corrosive sublimate).
Bisulphate, dms.....lb. 2.59 - 2.61
Chloride (see Calomel).
Cyanide, cryst., powd.....lb. 3.86 - —
Iodide, red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.55 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk, dms.....lb. 1.66 -1.76
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, non-ret. dms., c.l., dlvd..lb. .08½- —
10 dms., dlvd.....lb. .09¾- —
1-9 dms., dlvd.....lb. .10¾- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .12 - .15½
10 dms.....lb. .13¼- .16¾
1-9 dms.....lb. .14¼- .17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .16½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone prices W. of Miss. R., 3c. per gal. higher.

WORLD'S LARGEST PRODUCER OF SYNTHETIC RESINS

RCI

FOR BETTER LACQUERS

→ no. 1120—high melting point

FOR EVERY PURPOSE → no. 1111—true color

→ no. 1110—economy

use these superior → BECKACITES

Here is a typical example of RCI's ability to meet practically every resin requirement—*three* non-phenolic resins meeting almost every lacquer formulation requirement. *No. 1120 Beckacite* provides an exceptionally high melt point. *No. 1111 Beckacite* is especially recommended where color is important. *No. 1110 Beckacite* combines good quality with exceptional economy. For further information on properties, formulation and availability write direct to the Sales Department.

REICHHOLD CHEMICALS, INC.

General Offices and Main Plant, Detroit 20, Michigan

Other Plants:
Brooklyn, New York • Elizabeth, New Jersey • South San Francisco, California • Tuscaloosa, Alabama • Liverpool, England • Paris, France • Sydney, Australia

SYNTHETIC RESINS • CHEMICAL COLORS • PHENOLIC PLASTICS • INDUSTRIAL CHEMICALS

Methyl acetone, nat., Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .68 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —

tanks, Zone 1, same basis, Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Synthetic, dms., c.l., Zone 1. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.35
Benzoate, cns.....lb. .48 - —
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns.....lb. 2.25 - —
Formate, dms.....lb. .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd.....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs.....lb. .35 - —
25-50 lbs.....lb. .37 - .38

Methylamyl ketone, cns., dms., works..lb. .30 - .33

Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld.....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
smaller lots, frt. alld.....lb. .58 - .63

Methylcyclohexane, 98-100%, dms., works..lb. .16 - —

Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —

Methylcyclohexanone, 98-100%, dms., works..lb. No stocks

Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15

Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .08 - —

Methylhexyl ketone, dms., tech., works—lb. .09 - —

Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —

Methylnaphthyl ketone, cns...lb. 3.25 - —

Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .23½
tanks, works.....lb. .15 - —

Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.47.50 - —
l.c.l., works.....ton.51.00 - —
roofing, 20 mesh, bgs., c.l., works..ton.32.50 -33.00
l.c.l., works.....ton.38.00 -40.00
30-31 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works.....ton.37.50 -40.00
80 mesh, bgs., c.l., works, ton.40.00 -42.50
l.c.l., works.....ton.44.00 -45.50
graphitic, bulk, Pa., mines, ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse. or frt. alld. E..lb. .06 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .05¼- —
l.c.l., ex whse. or frt. alld. E..lb. .05¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05½- —
l.c.l., ex whse, or frt. alld. E..lb. .06 - —
white, extra fine, bgs., c.l., works, frt. alld E..lb. .06½- —
l.c.l., ex whse. or frt. alld. E..lb. .07 - —

Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, ¾c. higher.

Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14¼- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls., c.l.....lb. .29 - —
spray, bbls., c.l.....lb. .30 - —

Milk sugar,[1] bbls., c.l., works.lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼

Mineral spirits (see Petroleum, mineral spirits).

Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
tanks, Area 5.....ton.34.60 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).

Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[1,8] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —

Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —

Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09

Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —

Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —

Monomethylamine, dms.....lb. .65 - —

Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90

Monosodium phosphate (see Soda phosphate, monobasic).

Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —

Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —

Mullein leaves, cns.....lb. .12 - .13

Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
Ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90

Muskroot, bls.....lb. 2.25 - 2.30

Mustard seed, Calif., brown, bgs., lb. .13 - .13½
yellow, bgs.....lb. .19 Nom.
Danish, yellow, bgs., futures, lb. .24½- .26
Montana, brown, bgs.....lb. .10½- .11
oriental, bgs.....lb. .10¼- .10¾
yellow, bgs.....lb. .25 - .26
Swedish, bgs., futures.....lb. .38 - .38½
Washington, yellow, bgs...lb. .25 - .26

Myrobalans,[1] whole, J1, U. S. ports, ex dock..ton.58.00 - —
J2, same basis.....ton.52.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).

Naphthalene, crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis.. lb. .0325- —
bbls., c.l., same basis...lb. .0325- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .06 - —
50-lb. cs., same basis....lb. .06¾- —
1-lb. pkgs., same basis...lb. .06¾- —

Neocinchophen, USP, dms.....lb. 7.00 - 7.10

Nephelinesyenite,[4] glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.16.50 - —
Nephelinesyenite in bgs. is $2 per ton higher than bulk.

Neroline, crys., cns.....lb. 1.70 - 1.80

Niacin (see Acid, nicotinic).

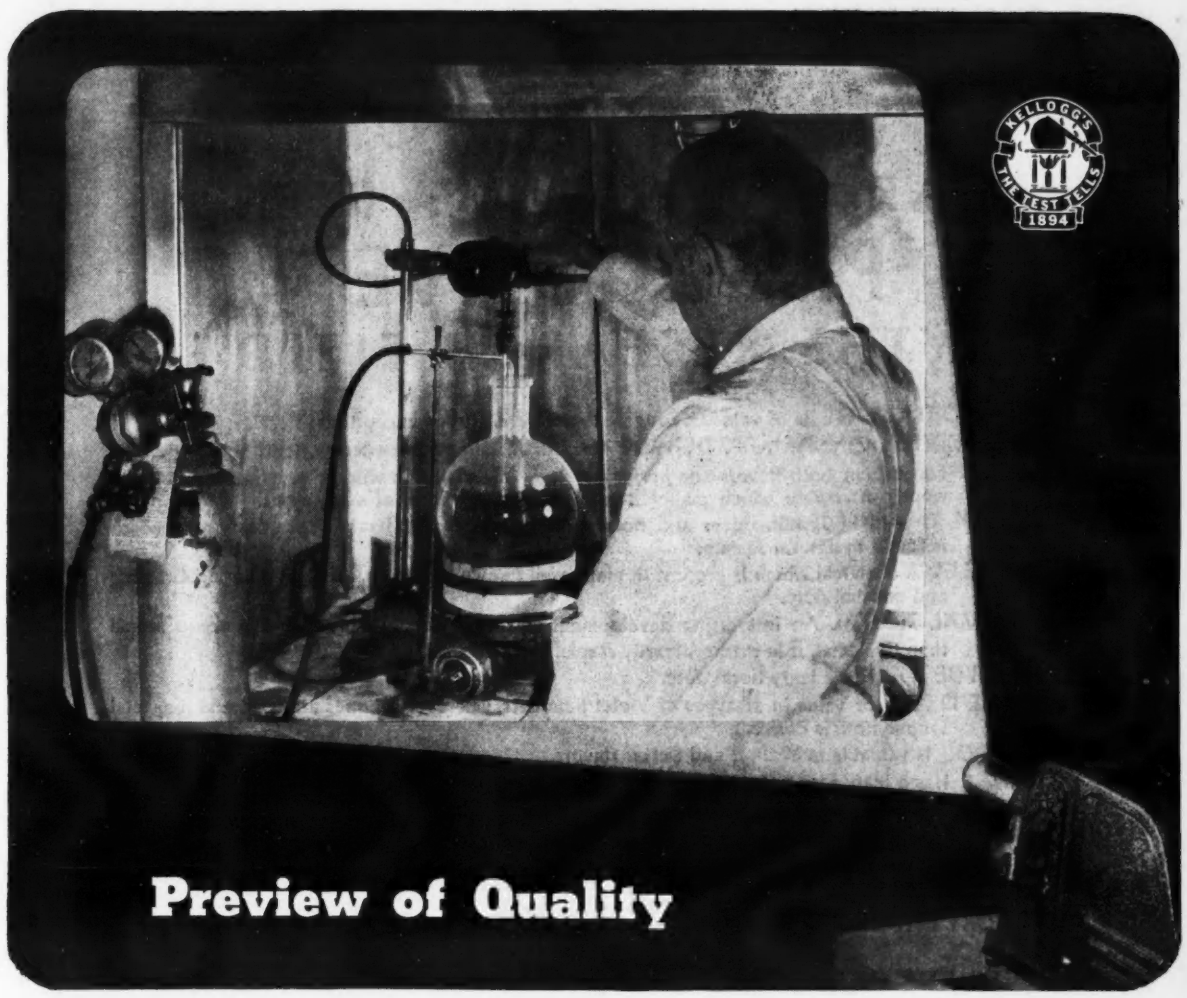
Nickel, carbonate, bbls.....lb. .36 - .36¼
Chloride, bbls.....lb. .18 - .20
Cyanide, bots., dms.....lb. No stocks
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .18 - .18¼

Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs..lb. .8000- —
tins, 10 lbs.....lb. 1.015 - —

Nicotinamide, USP, dms....kilo.11.00 -11.80

Nikethamide, bots., cbys.....lb. 9.00 -12.00

Nitercake, bulk, works.....ton.16.00 - —



● THE protective coatings industry enjoys the position of finding its "consumers" actually impatient for the chance to buy and use its new products. But the public, that is so anxious to buy tomorrow's new goods, is also expectant that they will be better-than-ever-before in quality.

And fortunately, also, the industry is in a position of ability to meet this challenge. The new vehicles combine the qualities of improved durability, clarity of color and resistance to water and alkali. They also offer a wide range of selection of properties to fit manufacturing conditions and the paint and varnish technician who is searching for improvement is assured of success.

The first step is to make use of the knowledge now available through the Kellogg Technical Service Department. Its bulletins detailing the results of cooks of varnish oils and their use in formulations of different types furnish a valuable starting point for your own tests. Ask for such information on any of the Kellogg Special Oils that interest you. You will find charts of their chemical constants in the booklet *"Oils for the Protective Coatings Industry."*

SPENCER KELLOGG and Sons, Inc.
BUFFALO 5, N. Y.

THE FIRST NAME IN VEGETABLE OILS

Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. ..... lb. .09 - —
tanks ..... lb. .07 - —
Nitrocellulose, alcohol-soluble, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .28 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¾, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut., tanks.....ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.
Nitrogenous process tankage,[1,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[8] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34¼- .34¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,8] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.S..gal. .15½- —
Octane, 100°-140° C., indust., grd., dms., L.c.l., G. S. gal. .29 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., divd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.10 - 1.35
Angelica root, bots.....lb.125.00 -135.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.50 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.50 - 5.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. No stocks
redistilled, USP IX, cns....lb. No stocks
Calamus, cns.....lb.20.00 -27.00
Camphor, synthetic, white, cns. lb. .18 - .23
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb. No stocks
Capsicum (see Capsicum, oleoresin).
Caraway, NF, cns.....lb. 8.00 -11.50
Cardamom, bots.....lb.17.00 -18.00
Cassia, USP, cns.....lb. No stocks
Castor,[1] blown, ret. dms., c.l. lb. .16½- —
L.c.l. .....lb. .16 - —
Oil, castor, cold pressed, USP, bbls., c.l..lb. .14 - —
l.c.l. .....lb. .14½- —
cns. .....lb. .15½- .17¾
dms., c.l.....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, bodied, dms., c.l. lb. .1780- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., c.l.....lb. .13¼- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (49% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10¼- .11
75% (63% fat), dms., c.l..lb. .12½- .12¾
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¾- .14
Cedarleaf,[1] USP, cns., dms..lb. 2.50 - 2.75
Cedarwood, dms.....lb. 1.00 - 1.10
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .60 - .65
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -34.50
leaf, dms.....lb. 1.40 - 1.85
Citronella, Ceylon, cns.....lb. 1.70 - 1.75
Clove, USP, cns.....lb. 1.50 - 1.75
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0885- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y..lb. .0885- —
ret. dms.....lb. .0885- .0985
edible, ex tax, bulk.....lb. .0985- —
Cod, Newfoundland, dms....gal. .83 - .90
tanks .....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.15 - 3.25
Coriander, bots.....lb [illegible] -35.00
Oil, corn,[1,7] crude, tanks, works. lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid, 95%, tanks, divd. E..lb. .07¼- —
raw, 50%, tanks, divd. E.lb. .03½- —
Cottonseed,[1,7] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works.....lb. .12½- .13½
foots, acid, 95% tanks, divd. E..lb. .07¾- —
raw, 50%, tanks, divd. E., lb. .03¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. No prices
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb. No stocks
Cypress, bots.....lb.12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns.....lb. 1.15 - 1.40
Fennel, sweet, cns.....lb. 4.00 - —
Fir, Canada, cns.....lb. 2.25 - 2.75
Fishliver,[1] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb.17.50 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.12.00 -13.50
Grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .13½- —
Guaiacwood, cns.....lb. 3.10 - 4.15
Hemlock, cns.....lb. 2.00 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 6.75 - 7.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns.....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 8.00 - 8.75
Lavender flower, French, 38%-42% ester, cns..lb.13.00 -16.00
30-32% ester.....lb. 8.50 - —
Russian, cns.....lb.14.50 - —
spike, Spanish, pure, cns...lb. 2.75 - 3.10
tech., cns.....lb. 2.25 - 2.50
Lemon, USP, Calif., cns.....lb. 3.25 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb.40.00 -50.00
Lemongrass, cns., dms.....lb. 2.75 - 2.90
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 4.95 - 5.25
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns., lb. 6.25 - 6.75
West Indian, cns.....lb. 7.25 - 7.50
expressed, West Indian, cns., lb.13.50 -15.00
Linseed,[1,7] raw, dms., c.l...lb. .1550- —
l.c.l. .....lb. .1600- .1660
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l..lb. .1400- .1550
tanks .....lb. .1320- .1470
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-300 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red., 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .16 - —
200-280 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155 vis., No. 8 color, 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .26 - .31
200 vis., 25 pour, tanks, gal. .28 - .33
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.75 - 8.75
Menhaden,[1,7] crude, tanks, Balto..lb. .0690- —
refined, alkali, dms., c.l...lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14¾- —
Neatsfoot,[1] 15°, bbls., c.l..gal. 1.85 - 1.90
20°, bbls.....gal. 1.80 - 1.85
30°, bbls.....gal. 1.60 - 1.65
pure, bbls.....lb. .15¼- .16¼
Neroli, bots.....lb.200.00 -325.00
Nutmeg, dist., cns., dms....lb. 4.75 - 5.25
Oiticica,[1] liquid, dms., c.l...lb. .24¼- —
dms., l.c.l.....lb. .24¼- .25
Oleo,[1] extra dms., Chicago...lb. .1304- —
prime, dms., Chicago.....lb. .1275- —
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 84-¼% f.f.e., dms., extra, works..gal. 4.80 - 4.80
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock....lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
80% (68% fats), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
85% (68% fat), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns. lb. 1.35 - 1.60
Calif., cns.....lb. 1.65 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.60
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.00
sesquiterpeneless, bots.....lb 100.00 -112.00
Origanum, Spanish, cs.....lb. 2.85 - 3.00
Palm,[1,7] Niger, dms.....lb. .0685- —
Palmarosa, cns.....lb. No stocks
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y. lb .0885 Nom.

WAR YEARS HAVE BEEN PRODUCTIVE IN THE RESEARCH FIELD

n-HEXYL SALICYLATE Is of value in Fougere type odors. It has exceptional floralcy.

ALPHA METHYL CINNAMIC ALDEHYDE Used in Jasmin odors, where a floral note is desired.

CHERIOL For use in both flavors and perfumes. It is interesting in wild cherry flavors. It has a woody after-note which makes it attractive in perfumes of many types.

DIASMOL Is used in Jasmin odors and floral odors generally. It has a green, leafy note which is found in natural Jasmin.

RESEDALIA A chemical which is present in many well known perfumes. It gives a very interesting and unusual note.

CYCLAMAL ACETAL An interesting development of this well known product. Fainter in aroma than Cyclamal, it is extraordinarily stable.

ALDEHYDE 3-A Has a leafy floral note.

KETONE 12-A Is of value in all types of Violet bouquets, wherever lonones are used and a special lonone note is desired.

GLYCIDOL Is valuable in Walnut and Butter flavors.

LILANAL Has a leafy rose note and is an excellent Lily of the Valley base. It is soft and fine.

ROSANOL A rose leaf note, reminding of Bromstyrol, but very much finer.

2-ETHYL HEXYL SALICYLATE

CYCLOKETAL Is of value in Russian Leather type perfumes.

b-ETHOXY SALICYLATE

b-ETHOXY ETHYL SALICYLATE

FOLIANOL

n-OCTYL SALICYLATE

n-BUTYL SALICYLATE

AMBRIOL A very stable and lasting product, with an Amber note. It is of value particularly in cream odors and is also a fine underlying odor for many types of soap perfumes.

GERANIUM BODY Enhances the odor of Oil of Rose Geranium. It is exceptionally valuable in soap perfumery. Its value is not apparent until actually tried and age tests are made of the finished product, when it shows to great advantage.

b-METHOXY ETHYL SALICYLATE

ETHYL HEXYL SALICYLATE

FIXATONE Is a high boiling point fixative for soap perfume.

LILANTHAL Is of value in all types of Lilac perfume.

JASMINOL Similar to Alpha Amyl Cinnamic Aldehyde, but very stable. Of much finer odor.

CUIRUSAL Is an interesting odor for the development of new type perfumes.

SALIXOL A light, pleasing Cinnamic Willow Bark note. It is of interest both in flavors and perfumes.

CUMINONE An odor note similar to Cuminic Aldehyde, but much softer and finer.

ACASOL Of value both in perfumes and flavors.

MUGINOL For Lily of the Valley type perfumes.

FLORAFAL Of a floral leafy character.

Information in regard to these, together with samples, will be furnished on request on your firm's letterhead.
A preview of what is coming in the aromatics field is yours for the asking.

Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .06¾- .06½
320° flash, 60-70 vis., tanks, G.3..gal. .08 - —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.3..gal. .06 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .09½- —
100-110 vis., 0/10 pour, same basis..gal. .06¼- .15
10/25 pour, same basis..gal. .06¼- .09¾
Patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, divd. E..lb. .1501- —
crude, tanks, works.....lb. .12⅝- .13⅞
foots, acid, 95%, tanks, divd. E..lb. .08 - —
raw, 50%, tanks, divd. E..lb. .04 - —
hydrogenated, tanks, divd. E., lb. .1573- .1578
Pennyroyal, dms., cns.....lb. No prices
import, cns.....lb. No prices
Peppermint,[1] natural, dms...lb. 6.25 - 6.85
redist, USP, dms.....lb. 6.75 - 7.50
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms., lb. 2.75 - 3.00
Pimento, berry, dms.....lb. 6.85 - 8.00
leaf, cns.....lb. 4.00 - 4.25
Pine,[1] ret. dms., c.l., divd. E., gal. .63 - .63½
l.c.l., divd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.10 - 3.25
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk.....lb. .13 - —
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies..lb. .13¾- —
W. of Rockies.....lb. .14¼- —
Texas and Okla.....lb. .13¾- —
tanks, divd. E. of Rockies.. lb. .12¾- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —
double dist., ret. dms., c.l., divd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla.....lb. .16¾- —
special non-ret, dms., bbls., c.l., divd. E. of Rockies. lb. .16¾- —
W. of Rockies.....lb. .17¾- —
Texas and Okla.....lb. .17½- —

Red oil prices for ton lots are ½ cent per pound higher, and 1 cent higher for less than ton lots.

Rose, natural, coppers.....oz. 31.25 -45.00
Rosemary, Spanish, tech., cns., dms..lb. 1.25 - 1.35
USP, cns., dms.....lb. 1.60 - —
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .68 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 5.00 - 5.25
Sage, Spanish, cns.....lb. 2.50 - 3.25
Sandalwood, NF, Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,7] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb .1228- —
Sassafras, artif., cns.....lb. .55 - .60
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .089 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1296- .1335
tanks .....lb. .1250- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, divd. E..lb. .07½- —
raw, 50%, tanks, divd. E..lb. .03½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 38°, dms...lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.55 - 2.73
Sunflower,[7] imp., refined, tanks, lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works, ton. 53.65 -55.00
l.c.l., works.....ton. 58.65 -63.65
tanks, works.....ton. 40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, crude, dms., c.l., divd. E. cities..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, divd. E. cities....gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.75 - 3.15
white, cns.....lb. 3.05 - 3.55
Tung,[1] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38¾- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .27 - .29
Vetiver, Bourbon, cns.....lb. 35.00 -37.00
Whale,[1] ref., natural, dms..lb. .1187 Nom.
Winter bleached, dms....lb. .1232 Nom.
Wheat germ, dms.....gal. 10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l..gal. .34 - —
l.c.l. .....gal. .37 - .41
65-75 vis., dms.,, dms.incl., c.l..gal. .35 - —
l.c.l. .....gal. .38 - .42
USP, 80/90 vis., dms., dms. incl., c.l..gal. .37 - —
l.c.l. .....gal. .40 - .44
125/135 vis., dms., dm. incl., c.l..gal. .46 - —
l.c.l. .....gal. .49 - .53
145/155 vis., dms., dms. incl., c.l..gal. .48 - —
l.c.l. .....gal. .51 - .55
175/185 vis., dms., dms. incl., c.l..gal. .50 - —
l.c.l. .....gal. .53 - .57
200/210 vis., dms., dms. incl., c.l..gal. .54 - —
l.c.l. .....gal. .57 - .61
335/345 vis., dms., dms. incl., c.l..gal. .62 - —
l.c.l. .....gal. .65 - .69
Oil, white mineral, USP, 55, 70 and 85 vis., non-ret. dms., San Francisco..gal. .42 - —
smaller lots, same basis, gal. .44 - .47
100 vis., non-ret. dms., 65 dms., San Francisco.. gal. .51½- —
smaller lots, same basis, gal. .53½- .56½
145 vis., non-ret. dms., 65 dms., San Francisco..gal. .59 - —
smaller lots, same basis, gal. .61 - .64
180 vis., non-ret., dms., 65 dms., San Francisco..gal. .62½- —
smaller lots, same basis, gal. .64½- .67½
540 vis., non-ret. dms., 65 dms., San Francisco..gal. .74 - —
smaller lots, same basis, gal. .76 - .79
Wintergreen, natural, North, cns..lb. 5.50 -8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Wormwood, cns.....lb. 4.85 - 5.50
Ylang-ylang, Bourbon, bots..lb. 8.00 -21.00
Oleostearin,[1,7] dms., Chicago..lb. .1061- —
Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bgs., c.l., works, ton. 7.00 - —
spalls, paper bgs., c.l., works, ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots, lb. 13.00 - —
25-lb. lots.....lb. 13.25 - —
smaller lots.....lb. 13.50 -13.65

Prices on powd. and gran. USP opium are $1.50 per pound higher.

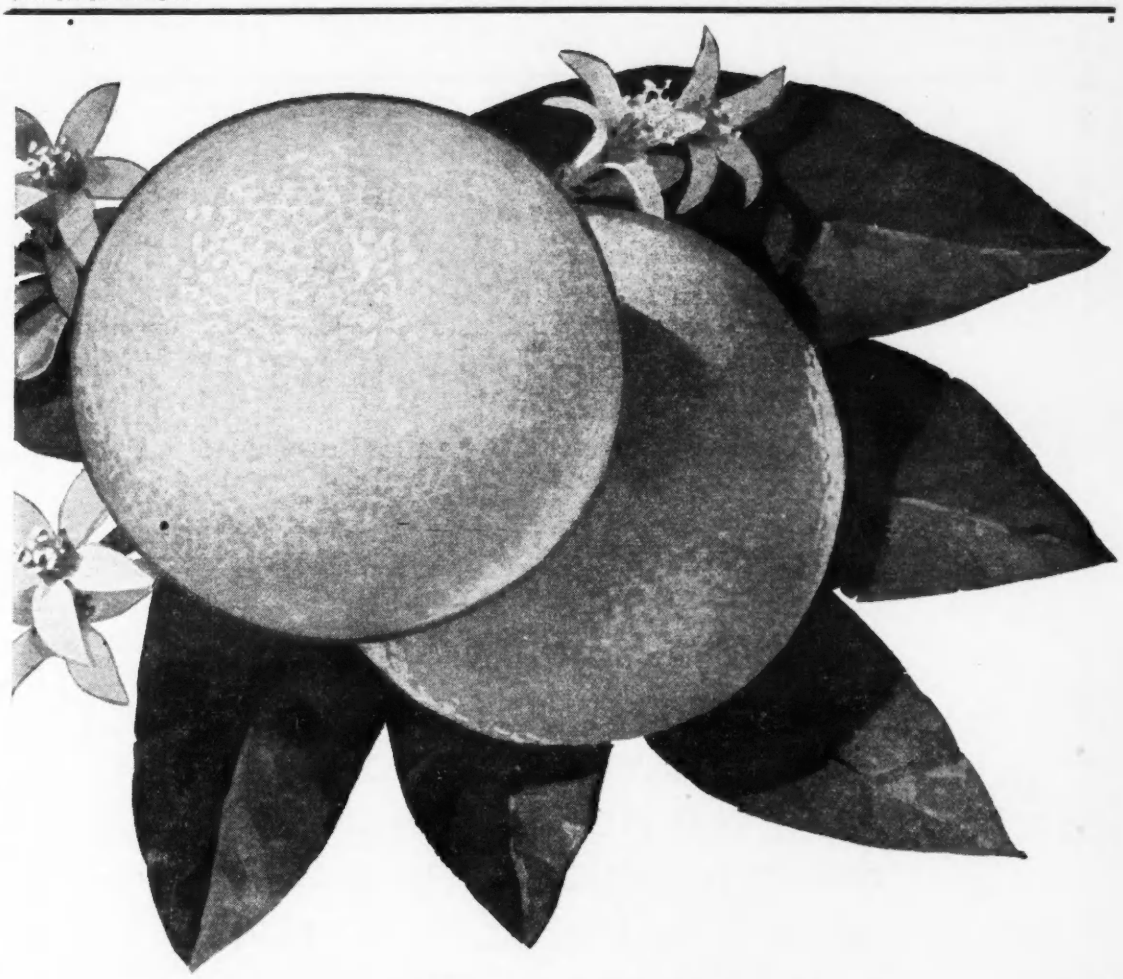
Orange, cadmium, selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroanilin, toner[1].....lb. 1.05 - —
Molybdate,[1] bbls.....lb. .41 —
Orthonitroanilin toner,[1] bbls., kgs., works..lb. .80 - 1.05
Persian,[1] bbls.....lb. .30 - .45
Orange peel, bitter, Haitian, bgs., tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
divd. Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
smaller lots, Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13½- —
Colo., Mont., N. M., Wye..lb. .13 - —
other points.....lb. .12½- —
Orange peel, bitter, Haitian, bgs., lb. .13½- .14
sweet, bls.....lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs..lb. .08½- .09
flat leaf, bgs.....lb. .08¼- .09¾
Orris root, Florentine, bls.....lb. .55 - .58
Verona, bls.....lb. No stocks
Portuguese, bls.....lb. .48 - .49
Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloranilin, dms.....lb. .60 - —
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[2] 30.4° C., min., M.P., dms., c.l., works..lb. .17½- .18
l.c.l., works.....lb. .18 - .18½
29° C. min., M.P., dms., c.l., works..lb. .16½- .17
l.c.l., works.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —

Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.

Orthonitroanilin, dms.....lb. .43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11 - —
grade B, dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .07 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange crystals, bbls....lb. .23 - —
Extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Ouabaine, USP, bots.....gram. 3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots, works.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 3.85 - 4.25
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
Sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, ground, bgs..lb. .40 - .41
Chilean, bgs.....lb. .32 - .40
Portuguese, bgs.....lb. .38 - .42
Spanish, bgs.....lb. .45 - .46½



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The flavor you put in your product is the *decisive ingredient*. For flavor is what the consumer buys. He judges *quality* by *taste*.

Exchange Oil of Orange gives you more *real orange flavor*, drop for drop or pound for pound, than any other orange oil. That's why more leading American manufacturers use it.

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ORANGE
U. S. P.

Para-anisidin, dms., works	lb.	.75	—
Parachlorophenol, dms., c.l., wks.	lb.	.24	—
l.c.l., same basis	lb.	.25	.27
Paracresol, bbls., works	lb.	.41	—
Paracymene, dms., c.l., works	lb.	.1505	—
l.c.l., same basis	lb.	.1645	—
tanks, same basis	lb.	.1545	—
Paradichlorobenzene, dms., c.l., works	lb.	.11	.12
l.c.l., same basis	lb.	.12¼	.15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery	lb.	.04¼	—
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery	lb.	.05	—
120-122 ASTM, refinery	lb.	.0520	—
122-124 ASTM, refinery	lb.	.0530	—
125-127 ASTM, refinery	lb.	.0560	—
127-129 ASTM, refinery	lb.	.0585	—
128-130 ASTM, refinery	lb.	.0585	—
130-132 ASTM, refinery	lb.	.0615	—
132-134 ASTM, refinery	lb.	.0650	—
135-137 ASTM, refinery	lb.	.0715	—
140-142 ASTM, refinery	lb.	.0810	—
146-148 ASTM, refinery	lb.	.1050	—
Prices in bags 4/10c. per lb. higher.			
Paraformaldehyde, dms., 1,000 lbs. or more, works	lb.	.21	—
smaller lots, works	lb.	.22	—
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.	lb.	.12	—
10-gal. dms., works	lb.	.15	—
USP, cbys., cns.	lb.	.35	.45
Paranitroanilin, kgs., works	lb.	.43	.45
Paranitrochlorobenzene, kgs., wks.	lb.	.15	—
Paranitrophenol, kgs.	lb.	.25	—
Paranitrotoluene, kgs., works	lb.	.30	—
Paraphenylenediamine, tech., kgs.	lb.	2.00	—
Paratoluenesulphonamide, bbls.	lb.	.70	—
Paratoluidin, bbls., works	lb.	.48	—
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20	.27
l.c.l., same basis	lb.	.22	.28
Passion flower herb, bls.	lb.	.23	.24
Patchouli leaves, bls.	lb.	.34	.35
Pectin, bbls.	lb.	1.25	—
Penicillin,[4,6] ampule, per 100,000 unit.		.55	.95
Pennyroyal leaves, bls.	lb.	.16	.18
Pentachlorophenol, dms., works, lb.		.20	.25
Pentaerythritol, CP, bbls., dlvd.	lb.	.75	—
smaller containers	lb.	1.00	—
tech., bbls., c.l.	lb.	.27	—
l.c.l.	lb.	.31	—
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3.	gal.	.11	—
l.c.l., dms., Group 3.	gal.	.19	—
industrial grade, tanks, Group 3.	gal.	.07⅛	.07⅛
laboratory grade, 10-gal. cns., dlvd. E.	gal.	.55	—
dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.29	—
Pepper, black,[1,7] 15 tons, bgs.	lb.	.10	—
50 to 100 bgs.	lb.	.1050	—
4 to 24 bgs.	lb.	.1100	—
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	.32	Nom.
sports, old crop, bgs.	lb.	.46	Nom.
Pepper, red, capsicum, Louisiana, sports, bgs.	lb.	No stocks	
long, new crop, bgs., ship't point.	lb.	No stocks	
Chillies, bgs.	lb.	No stocks	
White,[1,7] bgs., 15 tons	lb.	.1161	Nom.
24 bgs.	lb.	.1295	Nom.
Peppermint, dom., USP, bls.	lb.	.85	.90
imported, bls.	lb.	.90	Nom.
Perchloroethylene, dms., c.l., Zone 1, works, frt. alld.	lb.	.0782	.0800
Zone 2, same basis	lb.	.0832	.0850
Zone 3, same basis	lb.	.0882	.0900
Zone 4, same basis	lb.	.0876	.0900
l.c.l., Zone 1, same basis	lb.	.0832	.0850
Zone 2, same basis	lb.	.0882	.0900
Zone 3, same basis	lb.	.0932	.0950
Zone 4, same basis	lb.	.0926	.0956
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.			
Peru balsam, dms.	lb.	1.10	1.25
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021	—
golden topax, bbls., c.l.	lb.	.032	—
l.c.l.	lb.	.036	—
red, veterinarian, bbls., c.l.	lb.	.024	—
l.c.l.	lb.	.028	—
USP, amber, non-ret. dms., c.l.	lb.	.03½	—
l.c.l.	lb.	.04½	—
extra amber, dms., c.l.	lb.	.03⅝	—
l.c.l.	lb.	.04⅝	—
cream, c.l., dms.	lb.	.05	—
l.c.l.	lb.	.06½	—
yellow, soft, dms., c.l.	lb.	.03½	—
l.c.l.	lb.	.04½	—
white, lily, dms., c.l.	lb.	.05¾	—
l.c.l.	lb.	.07¼	—
snow, dms., c.l.	lb.	.06½	—
l.c.l.	lb.	.08	—
soft, dms., c.l.	lb.	.05½	—
l.c.l.	lb.	.06½	—
Petroleum, crude, bbl, at wells, California, heavy grades.	bbl.	.93	1.01
Illinois	bbl.	1.37	—
Kentucky, Union County,	bbl.	1.32	1.37
Louisiana-Arkansas	bbl.	.86	1.20
Oklahoma-Kansas	bbl.	.85	1.25
Pennsylvania	bbl.	1.31	3.00
Texas, Gulf coast	bbl.	1.06	1.86
North, North - Central	bbl.	1.01	1.25
Panhandle	bbl.	1.16	1.22
West	bbl.	.70	1.73
Wyoming	bbl.	1.12	—
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E.	gal.	.55	—
30°-60°C., dms., c.l., Group 3.	gal.	.16	—
l.c.l., Group 3	gal.	.29	—
35°-60° C., 10-gal. cns., dlvd., E.	gal.	.55	—
dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.29	—
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55	—
dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.29	—
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55	—
dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.29	—
Fuel oil,[1] furnace, tanks, at refinery, Arkansas, No. 2.	gal.	.03⅝	—
No. 3	gal.	.03½	—
Bayonne, No. 2, tanks,	gal.	.052	—
California, heavy	bbl.	1.10	—
light	bbl.	1.20	—
diesel	gal.	.04	—
range	gal.	.05	—
Group 3, No. 1	gal.	.03⅝	—
No. 2, straw	gal.	.03⅝	—
No. 3	gal.	.03½	—
range	gal.	.04	—
Kansas, No. 6	bbl.	1.02	—
Oklahoma, No. 1, p.w.	gal.	.03⅝	—
No. 1, straw	gal.	.03⅝	—
No. 2, straw	gal.	.03⅝	—
No. 3	gal.	.03½	—
No. 6	bbl.	.90	.97
range	gal.	.04	—
Pennsylvania, No. 1	gal.	.06157	.06425
No. 2	gal.	.0575	.0625
No. 3	gal.	.0575	.0625
36-40 gravity	gal.	.0575	.0625
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.71	—
Baltimore, Md.	bbl.	1.51	—
Boston, Mass.	bbl.	1.555	—
Charleston, S. C.	bbl.	1.42	—
Fall River, Mass.	bbl.	1.525	—
Jacksonville, Fla.	bbl.	1.42	—
New Haven, Conn.	bbl.	1.525	—
New York, N. Y.	bbl.	1.51	—
Norfolk, Va.	bbl.	1.47	—
Philadelphia, Pa.	bbl.	1.51	—
Portland, Me.	bbl.	1.555	—
Portsmouth, N. H.	bbl.	1.555	—
Providence, R. I.	bbl.	1.525	—
Savannah, Ga.	bbl.	1.42	—
Tiverton, R. I.	bbl.	1.525	—
Wilmington, N. C.	bbl.	1.42	—
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles	gal.	.11	—
Fort Wells, Wash.	gal.	.12	—
San Francisco	gal.	.11½	—
Willbridge, Ore.	gal.	.12	—
East coast, N. J., N. Y., tanks, refinery	gal.	.11¼	—
Group 3, benzol type, tanks.	gal.	.07⅞	—
toluol type, tanks.	gal.	.07⅞	—
Mineral spirits, California, San Francisco, 163-252 b.r., tanks	gal.	.10¼	—
198-200 b.r., tanks	gal.	.10¼	—
312-408 b.r., tanks	gal.	.09	—
246-397 b.r., tanks	gal.	.10¼	—
362-458 b.r., tanks	gal.	.09	—
East coast, N. J., N. Y., tanks, refinery	gal.	.10	—
Group 3, tanks, refinery	gal.	.06¼	—
Milwaukee	gal.	.1240	—
Boston	gal.	.12	—
Bridgeport, Conn.	gal.	.1430	—
Buffalo	gal.	.1240	—
Camden, N. J.	gal.	.11	—
Chicago	gal.	.1150	—
Detroit	gal.	.1380	—
Hartford	gal.	.1430	—
Kansas City, Mo.	gal.	.1280	—
Lancaster, Pa.	gal.	.12	—
tankwagon, Milwaukee	gal.	.1240	—
Minneapolis	gal.	.1220	—
Newark	gal.	.11	—
New York	gal.	.11	—
Philadelphia	gal.	.11	—
Pittsburgh	gal.	.125	—
Providence	gal.	.13	—
Rochester	gal.	.1320	—
St. Louis	gal.	.1370	—
Syracuse	gal.	.14	—
Washington, D. C.	gal.	.135	—
Wilmington, Del.	gal.	.11	—
Naphtha, cleaners, California, tanks, San Francisco	gal.	.12	—
East coast, N. J., N. Y., tanks, refinery	gal.	.11	—
Group 3, tanks, refinery,	gal.	.07¼	—
tankwagon, Newark	gal.	.12	—
Bridgeport	gal.	.1730	—
Chicago	gal.	.1380	—
Detroit	gal.	.15	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
New York	gal.	.12	—
Philadelphia	gal.	.125	—
St. Louis	gal.	.1470	—
high-solvency, No. 8, over 76% arom., tanks	gal.	.225	—
No. 80, tanks, frt. alld.	gal.	.2205	—
No. 40, tanks, Wilmington, Cal.	gal.	.13¼	—
No. A-80, tanks, Carteret, N. J.	gal.	.21¼	—
Cincinnati, Chicago, Detroit	gal.	.23	—
No. B-90, tanks, all shipping points	gal.	.24¼	—
No. F-80, tanks, Carteret, N. J.	gal.	.23	—
V.M.&P. at refinery, California, 46.5 254 i.p.b., 380 e.p., tanks, El Segundo	gal.	.11	—
Richmond	gal.	.11½	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	—
54-77, 100 i.b.p., 310 e.p., Los Angeles	gal.	.10	—
San Francisco	gal.	.10¼	—
Portland, Seattle	gal.	.11	—
Group 3, tanks	lb.	.07¼	—
Gulf Coast (dlvd. New Orleans), tanks	gal.	.06¼	—
tankwagon, Boston	gal.	.13	—
Chicago	gal.	.1380	—
Detroit	gal.	.15	—
Milwaukee	gal.	.1540	—
Minneapolis	gal.	.1520	—
Newark (200 gals.)	gal.	.125	—
New York	gal.	.12	—
Philadelphia	gal.	.125	—
Pittsburgh	gal.	.12¼	—
St. Louis	gal.	.1470	—

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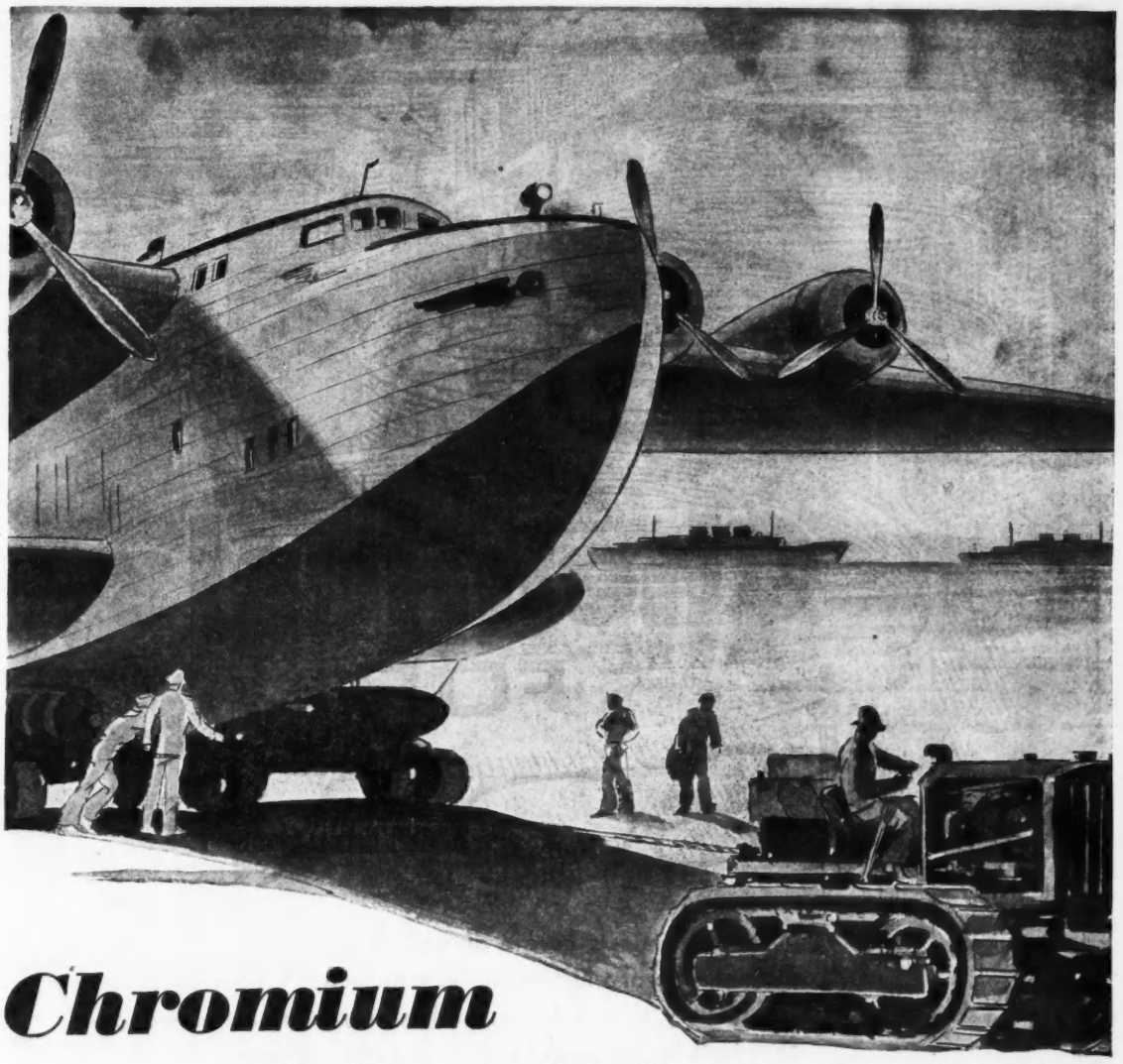
Petroleum solvent, rubber, at refinery, California, San Francisco	gal.	.25½	—
East Coast, N. J., N. Y., tanks	gal.	.11	—
Group 3, tanks	gal.	.07½	.07½
Stoddard (CS 8-33), at refinery:—			
California (f.o.b. San Francisco), tanks	gal.	.11	—
East Coast, N. J., N. Y. tanks	gal.	.10	—
Group 3, tanks	gal.	.09½	—
Pennsylvania, western, tanks	gal.	.07¼	.07½
tankwagon, Baltimore	gal.	.13	—
Boston	gal.	.12	—
Chicago	gal.	.13½	—
Detroit	gal.	.1580	—
Milwaukee	gal.	.1440	—
Minneapolis	gal.	.1420	—
Newark	gal.	.11	—
New York	gal.	.11	—
Philadelphia	gal.	.11	—
Pittsburgh	gal.	.12½	—
St. Louis	gal.	.1370	—
Syracuse	gal.	.14	—
Toluol, tanks, dlvd. E	gal.	.27	—
Xylol, tanks, dlvd. E	gal.	.26	—
Sulphonates, 65% sulphonic content, ret. dms., c.l., works	lb.	.09½	—
l.c.l., works	lb.	.09½	.10½
tanks, works	lb.	.09¼	—
50% sulphonic content, ret. dms., c.l., works	lb.	.09½	—
l.c.l., works	lb.	.09½	.10½
tanks, works	lb.	.09¼	—
Phenobarbital, cns	lb.	3.60	- 3.70
dms., 100 lbs	lb.	3.50	- —
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equaid.	lb.	.10	- —
l.c.l., same basis	lb.	.10¾	- —
tanks, same basis		.09	- —
82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾	.10¼
l.c.l., same basis	lb.	.10¼	—
tanks, same basis	lb.	.08¾	.09¼
USP, dms., c.l., same basis	lb.	.10½	—
l.c.l., same basis	lb.	.11¼	—
tanks, same basis	lb.	.09¼	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs	lb.	.85	- —
smaller lots	lb.	.87	- .92
Yellow, fib. dms., 2,000 lbs	lb.	.80	- —
smaller lots	lb.	.82	- .87
Phenothiazin, NF, fib. dms., 2,000 lbs	lb.	.49	- —
smaller lots	lb.	.54	- —
Phenylacetaldehyde, solut., 50%, bots	lb.	2.45	- 2.50
100%, bots	lb.	4.00	- 5.00
Phenylethyl acetate, dms	lb.	3.30	- 3.35
Phenylethylphenyl acetate, bots.,	lb.	4.75	- 4.80
Phenylhydrazin, base, CP, bots.	lb.	4.55	- —
Hydrochloride, CP, bots., works,	lb.	7.10	- —
commercial, kgs., works	lb.	1.75	- —
Phloroglucinol, CP., fib., dms.	lb.	13.75	-14.75
tech., fib. dms	lb.	12.00	-12.50
Phosgene, ton lots, works	lb.	.19	- —
Phosphate, defluorinated (see under D).			
Phosphate rock,[1] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20	- —
70%-68%, same basis	long ton.	2.60	- —
72%-70%, b.p.l., same basis	long ton.	3.20	- —
75%-74%, b.p.l., same basis	long ton.	4.20	- —
77%-76%, b.p.l., same basis	long ton.	5.20	- —
entirely pebble, 50c. per ton higher than above prices.			
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum	short ton.	3.15	- —
68%, basis 31% P_2O_5 minimum	short ton.	3.35	- —
70%, basis 32% P_2O_5 minimum	short ton.	3.70	- —
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% l. & a., same basis	long ton.	5.36	- —
72%-70% b.p.l., 5½% l. & a., same basis	long ton.	5.80	- —
refinery, ground, 29% P_2O_5, same basis	long ton.	4.95	- —
30%, P_2O_5, same basis	long ton.	5.15	- —
31%, P_2O_5, same basis	short ton.	5.25	- —
32%, P_2O_5, same basis	short ton.	5.50	- —
33%, P_2O_5, same basis	short ton.	6.00	- —
Phosphorus, red, amorphous, cs.	lb.	.40	- .44
tins, export	lb.	.55	- —
yellow, cns	lb.	.23	- .25
dms., c.l.	lb.	.14½	—
Oxychloride, dms., c.l.	lb.	.10½	—
l.c.l., dms	lb.	.12½	- .15
Pentoxide, dms., c.l., wks	lb.	.11	- .12
l.c.l., works	lb.	.13	- .14
Sesquisulphide, cs	lb.	.38	- .42
Trichloride, dms., c.l.	lb.	.10½	—
l.c.l.	lb.	.12½	- .15
Phthalamide, bbls., works	lb.	.35	- .40
kgs., works	lb.	.45	- .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver	lb.	.13	- —
l.c.l., same basis	lb.	.14	- —
Pichi leaves, bgs	lb.	.07	- .08
Picoline (see Alphapicoline and Betapicoline).			
Picrotoxin, bots	oz.	3.00	- —
Pilocarpine hydrochloride, USP, bots., vis	oz.	3.75	- 5.10
Nitrate, bots., vis	oz.	3.65	- 5.00
Pimento,[1] Jamaica, bgs	lb.	.23	- .23½
Pinetar, retort, dms., incl., c.l., works	gal.	.31	- —
l.c.l., works, dms. incl.	gal.	.32	- —
tanks, dlvd. E	gal.	.27	- —
Pinkroot, bls	lb.	1.10	- 1.15
Piperazine hexahydrate, bots.	lb.	16.00	- —
Pitch, burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- —
l.c.l., works	ton.	22.00	- —
Cottonseed, dms., works	lb.	.04	- .06
Hardwood, paper bgs., works	lb.	.03¼	—
Linseed, dms	lb.	.05	- .05½
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, dms	100 lbs.	6.50	- —
stands, 200 lbs	stand.	6.00	- —
Soybean, dms., works	lb.	.04	- .06
Plaster of paris (see Gypsum).			
Podophyllin, dms	lb.	8.75	- 9.00
Pokeroot, bls	lb.	.19	- .20
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld.	lb.	.32	- —
20,000 lbs., frt. alld	lb.	.33	- —
smaller lots, frt. alld	lb.	.34	- .36
Water-clear, polystyrene, 7c. per lb. less than plain colors.			
Pomegranate, root bark, bgs	lb.	.75	- .76
Poppy flowers, bls	lb.	.60	- .70
Seed, Canadian, Danish, bgs., futures	lb.	.38	- .39
Domestic, blue, bgs	lb.	No stocks	
Dutch,	lb.	.39	- .40
Indian, white, bgs	lb.	No stocks	
South American, bgs	lb.	.45	- .46
Potash abietate	lb.	.08	- —
Arsenite, USP, solut., cbys., cns.	lb.	.31	- .33
Arsenite, USP, solut., cbys., djns.	lb.	.13	- .15
Bicarbonate, USP, cryst., gran., bbls., dms.	lb.	.10	- .21
Bichromate,[1] bgs., c.l., works.	lb.	.10	- —
l.c.l., works	lb.	.10¼	- .10¾
Potash bichromate in bbls. ½c. higher.			
Borate, gran., bbls., N. Y. or Chi.	lb.	.1015	- —
Bromide, USP, gran., 500-lb. bbls., dms.	lb.	.25	- —
100-lb. kgs	lb.	.26	- —
Carbonate, cal., bbls., c.l., works.	lb.	.06½	—
l.c.l., same basis	lb.	.06¾	—
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½	—
dms., l.c.l., same basis.	lb.	.05¾	—
USP., gran., bbls., dms.	lb.	.14	- .20
powd., bbls., dms.	lbs.	.19	- .21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works	100 lbs.	9.31	- —
l.c.l., works	100 lbs.	9.68½	—
90% basis, liquid, dms., c.l., works.	100 lbs.	8.56	- —
l.c.l., works	100 lbs.	8.68½	—
tanks, works	100 lbs.	8.06	- —
solid, dms., c.l., works.	100 lbs.	8.56	- —
l.c.l., works	100 lbs.	8.93½	—
Potash caustic, regular, flake, 88-92%, dms., c.l., works.	lb.	.07	- —
l.c.l., works	lb.	.07¼	- .07½
liquid, 45% basis, dms., c.l., works, frt. alld.	lb.	.03½	—
l.c.l., same basis	lb.	.03½	- .03½
tanks, same basis	lb.	.02¾	—
solid, 88-92%, dms., c.l., works.	lb.	.06¼	—
l.c.l.	lb.	.06½	- .06¾
Chromate, bgs	lb.	.24	- .28
Chlorate,[1] cryst., kgs., c.l., works.	lb.	.11	- .11¾
l.c.l., works	lb.	.119	- .13
powd., dms., kgs., c.l., works,	lb.	.09¾	—
l.c.l., works	lb.	.119	- .13
export, 1 to 10 tons, kgs., ex whse.	lb.	.16	- .18
Chloride, tech., cryst., 98%, bgs., kgs.	lb.	.06	Nom.
Citrate, USP, gran., bbls., dms.,	lb.	.33½	- .35½
powd., 3c. per lb. higher.			
Cyanide, dms., works	lb.	.55	- —
Fluoride, bbls	lb.	.34	- .40
Glycerophosphate, 75% sol., cns., cbys.	lb.	1.65	- 1.67
dms., 1,000-lb. lots	lb.	1.50	- —
100-lb. lots	lb.	1.60	- —
Guaiacolsulphonate, NF, dms.	lb.	1.65	- 1.85
Hydroxide, USP, sticks, dms.	lb.	.34	- .36
Hypophosphite, cns	lb.	.72	- .75
Iodate, bots., 5 lbs	lb.	3.46	- —
cns., 25 lbs	lb.	3.35	- —
Iodide, bots., cns	lb.	1.44	- 1.49
dms.	lb.	1.35	- 1.38
Manure Salt, 22% K_2O, Carlsbad, N. M.	unit-ton.	.20	- —
25% K_2O, same basis	unit-ton.	.21	- —
Potash, metabisulphite, gran., bbls.	lb.	.19	- .21
powd., bbls	lb.	.25	- —
Muriate, dom., 60-62-63% K_2O, bulk, ex vessel, ports	unit-ton.	.53½	- —
granular, 50 - 52% K_2O	unit-ton.	.58½	- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.			
Nitrate (see Saltpeter).			
Oxalate, neutral pure, gran., bbls., dms.	lb.	.37	- .50
tech. fine gran., bbls., dms.	lb.	.28	- .31
Perchlorate, kgs., works	lb.	.09¾	- .11
Permanganate, tech., dms., works.	lb.	.19¾	- .20¼
USP, dms., works	lb.	.20½	- .21
Persulphate, dms., c.l., works,	lb.	.16	- —
l.c.l., same basis	lb.	.20	- —
Prussiate, red, kgs	lb.	.50	- .53
Yellow, bbls	lb.	.16	- .17
Ricinoleate, tech., bbls	lb.	.18	- —
Silicate, glass, bgs., c.l., wks.	ton.	200.00	- —
l.c.l.	100 lbs.	15.25	- —
solution, 29° Be, ret. drums, c.l., works.	100 lbs.	4.25	- —
l.c.l., 5 or more, works.	100 lbs.	5.00	- —
1-4, works	100 lbs.	5.50	- —
52° Be, ret. dms., c.l., wks.	100 lbs.	4.75	- —
l.c.l., 5 or more, works.	100 lbs.	5.50	- —
1-4, works	100 lbs.	6.00	- —



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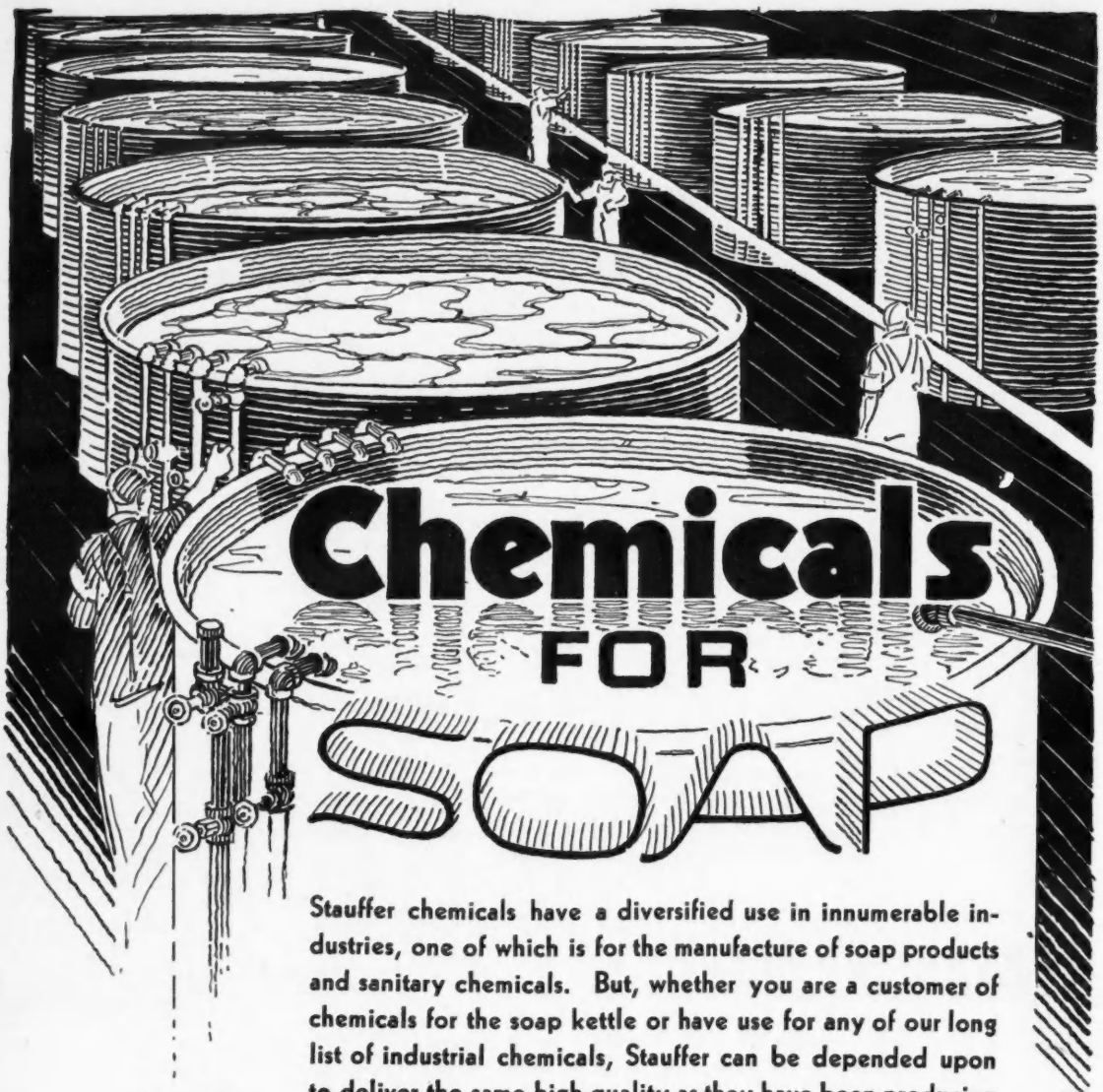
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min. 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton.26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .48
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .60 - .61
Procaine hydrochloride, cns., 100-lb. lots..lb. 4.00 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66
Pumice,[1] grd., fine, bgs., ton lots, lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chl., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. No stocks
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1] concentrate, de-waxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.05 - —
Flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton.10.00 -11.50
325 mesh, same basis....ton.13.00 -13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton.11.50 - —
Pyrophyllite in paper bgs., $1.50 per ton extra.
Pyroxylin, transparent, cs., wks. lb. .19 - —
black, cs., works.....lb. .17 - —
China, white ivory, cs., works. lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .14 - —
Pyroxylin, China, translucent pastels, cs., wks..lb. .17 - —
transparent, cs., works..lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb. .05¾- .05⅞
clarified, 64%, bgs., c.l., same basis..lb. .06½- .06¾
dissolved, 55%, tan., bbls., works..lb. .04575- .0606
tanks, works.....lb. .04075- —
ground, 70%, bgs., c.l.....lb. .089 - —
l.c.l., bgs.....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - .12
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .19 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver, flasks (76 lbs. net).. flask.105.00 -110.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks
Quinine,[6] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Arsenite, cns., 100 ozs.....oz. No stocks
Pumice bisulphate, USP, cns.. 100 ozs..oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz. No stocks
Ferrocyanide, cns., 100 ozs.. oz. No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .80½- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydroiodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.. oz. No stocks
Salicylate, NF, cns., 100 ozs.oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. .80½- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs...oz. No stocks
Quinine-urea hydrochloride,[6] USP, cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries,[6] dried, bls.....lb. 1.65 - 1.70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .90 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09⅝- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09⅝
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .09¼
Lacquer, maroon, bbls., wks. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .80 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works...lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide, tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works.....lb. 2.62 - —
Metallic, bbls., works.....lb. .62 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .029¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .033¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate, NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP, cryst., dms., frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .43 - .45
powd., bbls.....lb. .46 - .48
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .55 - .56
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .11 - .11¼
Spanish, bls.....lb. .13¾- .14¼
Rosin, gum,[1,7]—
B, dms., c.l.....100 lbs. 6.68 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.26 - —
F, dms., c.l.....100 lbs. 7.36 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.46 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.18 - —
X, dms., c.l.....100 lbs. 8.18 - —



Stauffer chemicals have a diversified use in innumerable industries, one of which is for the manufacture of soap products and sanitary chemicals. But, whether you are a customer of chemicals for the soap kettle or have use for any of our long list of industrial chemicals, Stauffer can be depended upon to deliver the same high quality as they have been producing for the past six decades.

Stauffer CHEMICALS SINCE 1885

STAUFFER PRODUCTS

CAUSTIC SODA BORAX BORIC ACID

*Aluminum Sulphate	Citric Acid	Silicon Tetrachloride	*Superphosphate
Carbon Bisulphide	*Copperas	Sodium Hydrosulphide	Tartaric Emetic
Carbon Tetrachloride	Cream of Tartar	Sulphur	Tartaric Acid
Chlorine	Muriatic Acid	Sulphur Chloride	Textile Stripper
	Nitric Acid	Sulphuric Acid	Titanium Tetrachloride

(*Items marked with star are sold on West Coast only)

420 Lexington Avenue, New York 17, N.Y.
221 N. LaSalle Street, Chicago 1, Illinois
636 California Street, San Francisco 8, Cal.
555 South Flower St., Los Angeles 13 Cal.
424 Ohio Bldg., Akron 9, O.—Orlando Fla.
North Portland, Oregon—Houston 2, Texas

STAUFFER CHEMICAL COMPANY

Rosin wood,[1,7] B (resin), dms., c.l., works..100 lbs. 3.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works... 100 lbs. 5.40 - —
Rotenone,[1] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.27.50 - —
Rue, bls.....lb. .48 - .50

S

Sabadilla seed, powd., bbls....lb. .40 - .45
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.38.00 -38.50
Safrol, cns.....lb. .90 - .92
Sage, Calif., leucophylia, bgs., Pacific coast..lb. .30 - .31
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .95 - .96
Cyprus, good, bls.....lb. .24 - .24½
fair, bls., futures.....lb. .18½- .19
Greek, bls.....lb. .27 - .29
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .16 - .16½
Washington, Dalmatian - type, bls..lb. .65 - .66
Sage flour, bgs.....lb. .05 - .05½
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
flb. dms.....lb. .92 - .93
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.60 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots.....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo.170.00-185.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22½- .23
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 2.45 - 2.50
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .17 - .17½
2, bls.....lb. .15 - .15½
3, bls.....lb. .14 - .15
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. 1.50 - 1.60
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500-lb. lot..lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.

D. C., V.S.O., Diamond I, 100 bgs..lb. .4660- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N.Y...lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works.. ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.60 - —
l.c.l., works.....ton.35.00 -38.00
99%-99%, 325 mesh, bgs., c.l., wks..ton.20.00 - —
l.c.l., works.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.22.00 -25.00
hard-quartz, 99¼%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silicon terrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¾- —
smaller lots.....oz. .47½- .47¾
Neucleinate, USP, bots., dms.. oz. .308 - .358
Proteinate, USP, bots., dms.oz. .288 - .328

Simarubra bark, bls.....lb. .55 - .60
Skullcap, Eastern, bls.....lb. .60 - .65
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, cns.....lb. .05 - .06
Blue, cns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .15 - .16
crushed, bls., bbls.....lb. .18 - .19
cut, dom., bls., bbls.....lb. .20 - .21
imp., bbls.....lb. No stocks
powd., bbls.....lb. .21 - .22
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate, for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .16 - .16½
Arsenate, dms., dealers, c.l., works..lb. .09¼- —
l.c.l., works.....lb. .10¾- .11¼
Arsenite, gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 3c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
Soda ash, dms., 58%, bbls., c.l., works, Zone 1..100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.85 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .96 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.13 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.36 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls, excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more.lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1] bgs., c.l., works, lb. .07¾- —
l.c.l., works.....lb. .07¾- .08¼
Soda bichromate in bbls. ½c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls. c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —

SOLVAY

HEADQUARTERS for ALKALIES and related products

Soda Ash

Caustic Soda

Special Alkalies and Cleansers

Liquid Chlorine

Calcium Chloride

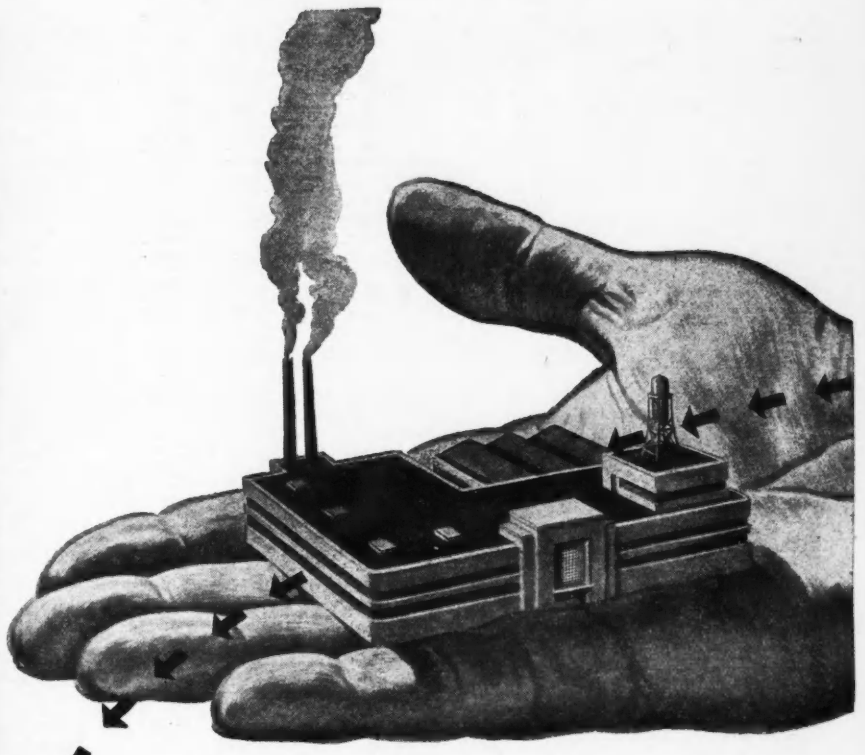
Potassium Carbonate

Caustic Potash

Sodium Nitrite

Ammonium Chloride

Para-Dichlorobenzene



A Helping Hand for Industry

Available to all industry is the Solvay Technical Service Staff... Comprised of chemists, engineers and technicians with broad, industry-wise knowledge and practical "know-how" experience, this complete corps of specialists offers expert, helpful advice on the use and handling of alkalies and related products.

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40 RECTOR STREET NEW YORK 6, N. Y.

BRANCH SALES OFFICES:

Boston · Charlotte · Chicago · Cincinnati · Cleveland · Detroit · New Orleans
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Soda bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber dms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., dms.....lb. 9.00 -12.90
Carbonate (see Soda ash, Soda monohydrate Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 3.05
3, dlvd.....100 lbs. 3.95 - 3.30
4, dlvd.....100 lbs. 4.35 - 3.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd, 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chlorate, cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works...lb. .06¼- —
l.c.l., works.....lb. .07 - .06½
Chloride (see Salt).
Chromate, 1,[9] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09½- .09⅝
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29½
Cyanide, 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10⅝
anhydrous, dms., dlvd.....lb. .12⅝- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms.....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .32 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works.. 100 lbs 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs, c.l., dlvd.....lb .0435- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l. works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.09 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate,[1,8] anhyd., kgs., works..lb. .47 - —
Monohydrate, bgs., c.l...100 lbs. 2.90 - —
works.....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 94-96%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports...100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald.. 100 lbs. 4.50 - —
l.c.l., same basis...100 lbs. 5.45 - 5.80
flake, dms., c.l, works100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l, works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., dlvd., E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.65 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.05
USP XII, dried, bbls., dms., works..lb. .150 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.10 - —
kgs., c.l., works....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 3.80 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).

Soda prussiate, yellow, bgs...lb, .10¾- —
bbls.....lb. .11 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .22 - —
smaller lots, works.....lb. .22½- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald.. 100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, spot, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.10
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., wks. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works.. 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 88%, dms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works. lb. .03¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[9] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,8] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms, lb. 2.50 - 2.80
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., lb. .20 - —
20,000 lbs., works...lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works.....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls..lb. .10¾- .11⅛
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stonsroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.15 - 1.40
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms.lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
95%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .58 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .83 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs. oz. .83 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —

Strychnine nitrate, NF, cns., 100 ozs..oz. 62 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fib, dms.....lb. 1.05 - 1.25
Sulphanilamide, 30-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, dms.....lb. 2.50 - 2.60
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
flour, light, bgs., c.l., works, 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l, wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.cl, works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —
Sulphur chloride, 35-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04¼- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $5.63 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida .....unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.20 - 1.30

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Talc,[1] dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works.....ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
grd., fine, New York, 325 mesh, 98-94%, bgs., c.l., works..ton.13.00 -13.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-17% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,8] f.o.b. Brazil..lb. .08¼- —
delivery N. Y.....lb. .07 - .07½
Java, bgs.....lb. No stocks.
Tar acid oil, 15-18%, dms., c.l., works..gal. .26½- —
l.c.l., works.....lb. .28½- —
25%, dms., c.l. works...gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton.118.00 - —
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms.....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l, lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .34 - .50

Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .08¾
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .26¾
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine,[1] dms., 25-lb. lots.. lb. 2.90 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .66
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .15½- .16
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root, (see Cube root).
Tin chloride,[9] anhydrous.....lb. No stocks
crystals,[9] bgs., bbls.....lb. No stocks
Metal,[1,9] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[1,9] bbls.....lb. .54 - .55
Tetrachloride,[9] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,8] bgs., c.l., dlvd, E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,8] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Calcium, base,[1,8] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,8] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 1.85 - 1.90
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene) coaltar, 2° industr., dms., return, wks. gal. .33 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1° nitration, ret. dms., works, gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,8] USP XII, 100 ozs., lots, cs. .52 - —
Triacetin, dms., works.....lb. .23 - .33
Triamylamine, dms., c.l., works, lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt., alld.....lb. .09¼- —
tanks, frt., alld.....lb. .07½- —
Trichloroethane, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .08 - —
Zone 2, frt. alld.....lb. .08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis, Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns. works..lb. .23 - .33½
dms, c.l., dlvd.....lb. .25 - —
l.c.l., dlvd. .....lb. .25½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine, dms., c.l., frt. alld. in E..lb. .19¼- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., basis 100%, c.l., works..lb. .34 - —
l.c.l., works.....lb. .36 - —
tanks, works.....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18¼- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .26 - —
l.c.l., same basis.....lb. .27 - .27¼
Tripoli,[1] air-floated, bxs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Cube root).
Tungsten metal, powd., 99-99.7%, dms., works..lb. 2.60 - 3.40
Oxide, kgs.....lb. No prices
Turmeric root, Allepney, bls., futures..lb. .18 - .18¼
Haitian, bls., Miami or New Orleans..lb. .10 Nom
Madras, bgs.....lb. .17¼- .17¾

Turpentine, gum, ret. dms...gal.	.93½-	.94½
Wood,[4] d.d., dms., East....gal.	.65 -	.70
tanks, East.....gal.	.69 -	—
steam-dist., ret. dms., East, gal.	.80 -	.86
tanks, East .....gal.	.74 -	.75
Sulphate, ret. dms.....gal.	.65 -	.76

U

Unicorn root, false (see Helonias root) True (see Aletris root).		
Uranium,[6] oxide, black, bgs...lb.	2.55 -	—
yellow, kgs.....lb.	1.65 -	—
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.	68.00 -	—
l.c.l. ship. pts.....ton.	70.50 -	85.00
import, pure, cs.....lb.	.12 -	—
Fertiliser comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.	67.40 -	—
Urea-ammonia liquor (A and B), f r e e ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.	59.00 -	—
Urea-ammonia liquor, fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.	112.50-	—
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.	116.50 -	—
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations		
Urunday, c.l., ex dock, in bond, lb.	.05 -	—
Urunday price based on ocean frt., at $12 insurance $1 per lb.		
Uva ursi leaves, bls.....lb.	.19 -	.20

V

Valerian root, Belgian, NF, bls., lb.	.59 -	.60
Indian, bls.....lb.	.52 -	.53
Valonia, beards, bgs., f.a.s...ton.	No prices	
Cups, bgs., f.a.s.....ton.	No prices	
Vanadium[1] pentoxide, CP, bgs., cns., works..lb.	7.00 -	—
tech., dms., works.....lb.	1.10 -	—
Vanilla beans, Bourbon, tins..lb.	7.75 -	8.50
Mexican, cuts, tins.....lb.	9.50 -	10.00
whole, tins.....lb.	10.50 -	11.00
Tahiti, white label, tins.....lb.	3.50 -	3.75
yellow label, tins.....lb.	3.25 -	3.50
West Indian, tins.....lb.	No stocks	
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb.	2.60 -	—
smaller lots, tins.....lb.	2.65 -	2.75
ex guaiacol, tins, 25 lbs. or more..lb.	2.35 -	—
smaller lots, tins.....lb.	2.40 -	2.50
Vanillin, ex lignin, tins, 25 lbs. or more..lb.	2.35 -	—
smaller lots, tins.....lb.	2.40 -	2.50
Venice turpentine, artif., cns..lb.	.24 -	.25
Verdigris, bbls., bgs.....lb.	.22 -	.28
Vinyl acetate, cbys., works....lb.	.25 -	—
dms., c.l., works.....lb.	.15 -	—
l.c.l., works.....lb.	.16 -	—
smaller pkgs., l.c.l., works, lb.	.25 -	—
Ether, bots., 75 c.c., less 20% and 20%..bot.	1.50 -	—
50 c.c., same basis.....bot.	1.05 -	—
25 c.c., same basis.....bot.	.65 -	—
Trichloride (see Trichloroethane).		
Vinylpyridin, ret. dms., works..lb.	1.50 -	—
Viosterol (irradiated ergosterol), bots., mil., units.	.10 -	.12
in corn oil (see Calciferol).		
Vitamin A (see Oils, codliver, halibut-liver).		
B_1 (see Thiamine hydrochloride).		
B_2 (see Riboflavin).		
B complex, natural (see Rice bran and Yeast).		
C (see Acid, ascorbic).		
D (see Oils, codliver, halibut-liver, viosterol).		
D_3 (see Calciferol).		
E (see Alphatocopherol).		
G (see Riboflavin).		
P-P (see Acid, nicotinic, and Nicotinamide).		
Violet, methyl, toner (see M).		
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).		

W

Wahoo root bark, bls.....lb.	.55 -	.60
Wattle bark,[1,3] E. Africa, bgs., f.a.s..ton.	53.00 -	—
S. Afr., bgs., f.a.s.....ton.	53.00 -	—
extract,[1] liquid, 35% tannin, bbls., works..lb.	.05½-	.06¼
tanks .....lb.	.04¾-	.05¼
Wattle bark, solid, E. Afr., 61% tannin, ex dock..lb.	.05585-	.05845
S. Afr., tannin, ex dock.lb.	.0572-	.0597
Wax, amorphous (see Wax, microcrystalline).		
Bayberry, bgs.....lb.	No stocks	
Bees, bleached, USP, white, bricks, cakes, cases..lb.	.60 -	.63
slabs, bgs.....lb.	.58 -	.62
crude, pure, African, bgs.lb.	.44 -	.47
Western hemisphere, bgs.lb.	.49 -	.51
refined, yel. bricks, bgs..lb.	.55 -	.60
cakes, cases.....lb.	.56 -	.57
Candelilla, bgs.....lb.	.65 -	.67
Carnauba, chalky, No. 3, bgs., ton lots..lb.	No stocks	
smaller lots.....lb.	1.25 -	1.30
North Country, No. 2, bgs., ton lots..lb.	No stocks	
smaller lots.....lb.	No stocks	
No. 3, bgs., ton lots.....lb.	No stocks	
smaller lots.....lb.	1.30 -	1.35
refined, bgs., ton lots...lb.	No stocks	
smaller lots.....lb.	1.40 -	1.45
yellow, No. 1, bgs., ton lots, lb.	No stocks	
smaller lots.....lb.	1.65 -	—
No. 2, bgs., ton lots.....lb.	No stocks	
smaller lots.....lb.	1.63 -	—
No. 3, bgs., ton lots.....lb.	No stocks	
smaller lots.....lb.	1.35 -	1.45
Ceresin, dom., 132°-136° m.p., bgs..lb.	.12½-	.13½
138°-140° m.p., bgs.....lb.	.14 -	.15
158°-162° m.p., bgs.....lb.	.19 -	.22
Japan,[3] cs.....lb.	No stocks	
Micro-crystalline, 170° - 175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works. lb.	.14¼-	—
amber, ctns., smaller lots, same basis..lb.	.14¼-	.15¼
black, ctns., 30 tons, same basis..lb.	.12¾-	—
smaller lots, same basis, lb.	.13 -	.13¾
Wax, microcrystalline, 190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb.	.16¼-	—
smaller lots, same basis, lb.	.16½-	.17¼
black, ctns., 30 tons, same basis..lb.	.14¾-	—
smaller bots., same basis, lb.	.15 -	.15¾
white, ctns., 30 tons, same basis..lb.	.24¾-	—
smaller lots, same basis, lb.	.25 -	.25¾
Montan, domestic, bgs.....lb.	No stocks	
Ouricury, crude, bgs., ton lots, lb.	No stocks	
smaller lots.....lb.	.95 -	—
refined, bgs., ton lots.....lb.	No stocks	
smaller lots.....lb.	1.10 -	—
powdered ouricury prices same as candelilla.		
Paraffin (see P)		
Spermaceti, blocks, cs.....lb.	.27 -	.32
cakes, cs.....lb.	.28 -	.33
White lead (see Lead, white).		
White precipitate, powd., dms., 50 lbs. or more..lb.	2.50 -	—
White pine bark, rossed, bls..lb.	.14 -	.15
Whiting,[1] chalk, dry-grd., bgs., c.l..ton.	18.00	-22.00
l.c.l. .....ton.	20.00	-24.00
wet-ground, bgs., c.l.....ton.	21.00	-25.00
l.c.l. .....ton.	25.00	-29.00
gilders, bolted, bgs., c.l.ton.	20.00	-24.00
l.c.l. .....ton.	21.00	-25.00
extra-bolted, bgs., c.l..ton.	22.00	-26.00
l.c.l. .....ton.	25.00	-37.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton.	6.00 -	—
smaller lots, N.E., works, ton.	7.00 -	9.00
Whiting, limestone, wet-grd., air-coated, 200 mesh, 90¼%, bgs., c.l..ton.	9.35	-10.10
200 mesh, 90¾%, bgs., c.l., ton.	8.00 -	9.50
90%, bgs., c.l.....ton.	6.25 -	7.00
water-floated, extra gilders, bgs., c.l..ton.	10.00 -	—
gilders, bgs., c.l.....ton.	12.45 -	—
putty grade, bgs., c.l..ton.	12.00 -	—
Paris white, bgs., c.l.....ton.	24.00	-26.00
l.c.l. .....ton.	25.00	-29.00
precipitated, bgs., c.l.....ton.	14.00	-15.00
l.c.l. .....ton.	18.00	-20.00
Wild cherry bark, thick, bls..lb.	.06 -	.07
thin, natural, bgs.....lb.	.16 -	.17
rossed, green, bls.....lb.	.25 -	.26
Wild indigo root, bls.....lb.	.30 -	.31
Witch-hazel leaves, bls.....lb.	.21 -	.22
Witherite (see Barium carbonate, natural).		
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.	20.00 -	—
60 mesh, same basis.....ton.	24.00 -	—
80 mesh, same basis.....ton.	27.00 -	—
100 mesh, same basis.....ton.	30.00 -	33.00
Woodflour, in bags, 25c. each extra, returnable.		
Wormseed, American, bgs.....lb.	.20 -	.22
Levant, bgs.....lb.	4.50 -	4.75
Wormwood, bls.....lb.	.50 -	.60

X

Xanthorrhiza, bls.....lb.	.24 -	.25
Xylene (see Xylol).		
Xylidin, mixed, dms.....lb.	.35 -	.36
Xylol (xylene), coaltar, indus., ret. dms., works..gal.	.31 -	—
tanks, E. of Omaha, frt. alld. gal.	.26 -	—
West Minnequa, Colo...gal.	.28 -	—
Xylol, 10°, ret. dms., works..gal.	.34 -	—
tanks, E. of Omaha, frt. alld. gal.	.29 -	—
8°, ret. dms., works.....gal.	.41 -	—
tanks, E. of Omaha, frt. alld. gal.	.36 -	—
3°, ret. dms., works.....gal.	.47 -	—
tanks, E. of Omaha, frt. alld. gal.	.41 -	—
Petroleum xylol prices, same as those for coaltar xylol.		

Y

Yara yara, cryst., bots., cns..lb.	1.75 -	1.90
Yeast, brewer's dry, 50 B units, dms..lb.	.35 -	—
90 B units, dms.....lb.	.45 -	—
200 B units, dms.....lb.	.50 -	—
300 B units, dms.....lb.	.60 -	—
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb.	.32 -	—
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.		
Benzidin, bbls., dlvd.....lb.	1.35 -	2.25
Cadmium, CP, bxs.....lb.	1.35 -	1.40
ton lots, E. of Rockies..lb.	.85 -	—
smaller lots, same basis, lb.	.65 -	—
sulphide, orange, cs., kgs., works..lb.	1.10	Nom.

—*Continued on page 66*

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OPD—1-28-1946 30

Oil, Paint & Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by

SCHNELL PUBLISHING COMPANY, INC.

59 John Street, New York 7, N. Y., U. S. A.

Telephone: REctor 2-9620
Cable Address: Reporter, New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7.00; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Schnell Publishing Company, Inc.

Volume 149 January 28, 1946 Number 4

Consuming Ability

The relative values of the more or less correlated economic forces which make for progress and prosperity are all out of kilter in these times of demoralized production. Under the circumstances, there can be no questioning of the reasoning of those who contend that production and more production is not only the sine qua non but also the sole hope of economic welfare. Today's need is for production, especially in those basic fields where it has been almost extinguished. Yesterday, distribution was a more potent obstruction to progress, more because of unsatisfactory compensation than by reason of functional faults. The major long-run influence, consuming ability, has not been a problem for several years.

But, there is or, rather, there was until the effects of strikes sent all such thinking off on tangents—a growing recognition that, for a real, permanent economic advancement, the prime essential is adequate consuming ability. That, of course, demands an adequate consumer income, which, in turn requires adequate opportunity to earn. It is not by any means necessary, nor is it generally desirable, that that opportunity lie in productive effort. The earnings of production alone never can pay for all that is produced, which is the one big reason why production for existence should have a larger part in the operations of agriculture.

Many of those whose economic concepts are derived mainly from two items—production and standard of living—are beginning to recognize the existence of consuming ability and to consider its influence on the factors made familiar to them by frequent contact with the two designations. They are beginning to see that a high standard of living is not, in itself, a desirable condition if it costs too much or, as is often true, is not satisfactorily distributed.

With the acquisition of this knowledge and interest has come also, to those who are not satisfied with labels alone, a desire to understand the real relationship of consuming ability to productive activity, and to learn how this can be applied to raise the general average of national living. Curiosity or greater interest in that direction soon meets the stern fact that manufacturing production can contribute to the raising of the average of living conditions chiefly, if not wholly, in the upper half of the scale of earnings. There is reason to believe that the bettering of the lower half would be a more desirable method of raising the average.

This presents a problem of the "submerged third," or some such idiom, which has been so thoroughly impregnated with the odor and stain of professional reform that practical workers in social economics shy away from it. Clear, impartial analysis is needed in the matter, and a policy and a purpose to find and apply a practicable program.

—O-P-D—

Raising from the Bottom

The best way to raise the average of national living conditions—that is a more appropriate designation than is the popular "standard of living"—by improving the lower half of the scale is to industrialize the areas and the populations which have not yet been brought to that stage of economic development.

In spite of all sorts of continuously vociferated factional and sectional fears, that method does not necessarily mean the splitting of industry or the shifting of industry, which, as the scared ones have it, "will wreck the long-established prosperity of our State." Primarily it means expansion of industry through the creation of new markets by the providing of opportunities to earn. Among the incomprehensible densenesses of economic reasoning none other is so discouraging as is the failure, or refusal, to see that industrialized areas at home, and industrialized countries abroad, provide the only nationally profitable markets.

The same arguments apply to the desirability of industrializing the yet neglected sections of the United States as fit the controversial matter of assisting in the industrialization programs of Latin America. The objections to such a step are largely factional, reflecting the attitude of those who sell in those markets something—seldom very much in a truly relative sense—which it is proposed to manufacture in the countries now buying. From the standpoint of national trade, it is always true that, the more a country makes, the more it can buy—and usually does. In addition to this factional opposition, the domestic proposal is hit hard by sectional opponents—largely not of, but dependent on, the industry involved.

Because factional and sectional influences largely control the political economy which must play a large part in national development, national economic programs usually have hard sledding. Frequently this is induced in large degree by a more or less accepted belief that an industrialization program must have governmental subsidy. The truth is that such ideas usually are taken up first by government, and subsidies follow as a matter of course.

It must not be overlooked that there is much more to the industrialization of a new area or a new people than even the strongest determination that here we put a steel mill, a paint plant, or a soap factory. The future must be surveyed in such matters as materials and power and incoming and outgoing transportation, as well as the possibilities of consuming ability in readily accessible markets. In many respects, the future must be made to order. That is not an impossible task, nor is it an easy one. It demands somewhat neglected phases of the diminishing pioneer spirit. That is the reason why government steps in with its various V.A.'s—and then manifests very little desire to step out. When it is possible, the interferences of war's exigencies having been eliminated, to evaluate the V.A. regions as parts of the national markets before and after their industrialization, private enterprise should lose no time in getting such data. It is expectable that they will indicate a substantial national profitability in industrial expansion with a purpose of raising the average of national living conditions.

—O-P-D—

Chemical Industry's Role

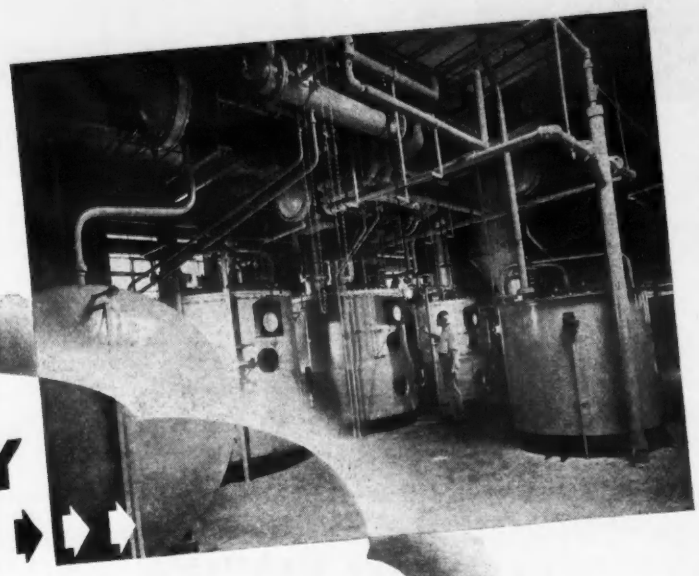
In the development of unindustrialized regions, the chemical and related basic industries have a place along with the metallurgical industries in the front ranks. They, too, run down to the natural resources of the earth—and they, too, are intermediate, although they can get to the consumer by shorter channels in many instances. The chemical and related basic industries (chiefly petroleum and the fatty oils) also are quite intimately correlated and connected with the metallurgical industries and the closely related groups of nonmetallic minerals. So, in their common interest they should and do find themselves partners in industrialization pioneering.

Thus it is that the chemical and related industries may be expected to spread still more over the southwestern and far-western sections of this country as the metallurgical development of those sections progresses. They already have a long start; they also have opportunities which will not split them nor shift them, but will expand them profitably.

The markets in this country are not by any means saturated—the reference is to normal conditions, not to those of global war or strife of less geographic scope but no less detriment—in their needs for the end-products of the chemical and related industries' contributions to business. The southwestern and far-western sections are potential in markets, as well as in materials. In both respects, industrialization is the means to a bountiful end.

Sulphur and seawater, petroleum and natural gas, saline deposits and tillable soil—with these things, abundant in the western sections, the chemical and related industries can go far. They have already built big for the present, and they are building bigger for the future. And their need for motive power is on at least a fair road to being adequately met.

Texas has got more than usually disturbed over the wasting of natural gas in the oilfields of that State. This came behind a report that a billion cubic-feet daily was without markets. The chemical and related industries can make good use of that material. Texas has told the oil operators that they must become more realistic in their attitude toward the wastage of gas—or else! The petroleum industry is a relation of the chemical industry. It is steadily becoming more and more an actual part of the latter. In that relationship it would seem to be natural, as well as desirable, that a means be sought to make good use of such a promising chemical material as natural gas, even though the enduse be its return as an additive to a petroleum liquid fuel. That would be a straightline short-channel solution of the wastage problem, and easily within the practicabilities of applicable chemical processing.



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Heavy Chemicals

Cutback in the production of coal-tar chemicals and the limitation of shipments, resulting from the labor strike in the steel and affiliated industries, has cast reflections in the heavy chemical market. So far the effect has been to temper the domestic demand for additional lots and to shut of the production of steel drums. These containers have been scarce since the beginning of the month, but there is a definite scarcity at present which is delaying shipments of chemicals from works. A prolonged strike will cause considerable hardship on consumers of coaltar chemicals and a sympathetic influence will be felt in the heavy chemical industry.

Overall supply conditions in heavy chemicals have shown improvement during the month. There is a better flow of soda ash in bulk from the works and the movement of liquid caustic soda would probably increase if more tankcars were available. This tankcar shortage has also affected the movement of chlorine while actual production of the material seems to be sufficient to meet requirements. It looked as though the surplus of carbontetrachloride had been cut down, but in the antimony chemicals, bicarbonate of ammonia, the chlorates and some of the smaller tonnage items, the markets presented an almost normal appearance.

Phosphoric acid was reported in better supply. In well informed quarters it was stated that eight companies have taken over the government's surplus of white phosphorus which had been built up mostly for Japan's benefit. There were approximately 33,000,000 pounds in the stockpile, equal to probably a half year's supply, purchased at about the prevailing market figure. Stocks of white arsenic were relatively short at the end of the month and it was reported that a domestic producer had been forced to shut down on account of labor difficulties. The government intends to sell 60,000 tons of surplus surphuric acid for delivery in tankcars between the last half of February and the first half of May. Some producers look for a break-down in the tight supply of calcium chloride by Summer, others are not so optimistic. Washington states that prospects for the continuance of a substantial synthetic rubber industry are favorable, thereby giving assurance of the maintenance of an important outlet for industrial chemicals.

Paper production as a percentage of six day capacity was 94.4 in the week ended Jan. 19, according to the American Paper and Pulp Association. This compares with 96.0 in the previous week and 89.0 percent a year ago.

Production figures in some of the following market reports were released by the U. S. Tariff Commission, unless otherwise specified.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(For Current Prices see page 9)

Ammonia Anhydrous — Production of synthetic in October was at a lower level. The total amounted to 38,292 tons, compared with 42,685 tons in September.

Arsenic—Although lack of shipping space is primarily responsible for not tapping the Swedish stockpile, considerable material has arrived from Mexico and South America. Latest figures, released by the Department of Commerce, show that in October 1,864,000 pounds came here from Mexico and 2,044,000 pounds from Peru. Total importations for the month amounted to 4,000,000 pounds, the largest quantity received in any month in 1945. Exports in October were 180,000 pounds, a high level for any month since May. Of this amount, 88,000 pounds were shipped to Argentina, 36,000 pounds to Chile and 56,000 pounds to Uruguay. The spot situation is rather tight at present.

Calcium Carbide—Output of commercial in October registered 47,353 tons, compared with 45,384 tons in the preceding month.

Calcium Phosphate—Monobasic production in October amounted to 5,994,000 pounds, against 4,747,000 pounds in September. Dibasic output was higher at 8,020,000 pounds in October, compared with a revised total of 5,620,000 pounds in September.

Carbon Dioxide—Liquid and gas production showed 18,308,000 pounds in October, against 17,219,000 pounds in September. Solid, dry ice, output registered 50,502,000 pounds in October, compared with 62,764,000 pounds in the preceding month.

Carbontetrachloride—Supply not as free as formerly noted. Consumers have taken a lot of the surplus stock out of the market and the shortage of steel containers seems to have curtailed shipments from works. October exports were 692,000 pounds.

Chlorine—Shortage of tankcars and cylinders has been the cause of concern in the movement of this material from works. The supply of chlorine is reported adequate to meet requirements, but the delay in returning empty containers has created a shortage which is affecting shipments. Production in October did not vary much from the preceding month. The totals were placed at 89,392 tons in October and a revised total of 89,602 tons in September.

Copper Acetate—Finding an outlet to platers in a moderate way. Supply meeting demand readily from comfortable inventories.

Copper Sulphate—According to the Chemical Unit of the Department of Commerce, production in October was 20,560,000 pounds, which is above the two preceding months and 13 percent higher than in October, 1944. Producers are building up their stockpile to take care of agricultural wants later in the season. Stocks on October 21 were 15,426,000 pounds, which was the highest level recorded since last February and 11 percent above the supply for the corresponding date a year ago.

Magnesia Chloride — Prompt shipments were reported for use in fireproofing and moisture-proofing surfaces, but the cutback in the shipbuilding program has lessened demand appreciably. The supply situation has not proved a problem to buyers.

Manganese Dioxide — Buying interest has been maintained, with shipments going forward to match factories and to glassware and ceramic plants. Supply position has been adequate to meet requirements promptly.

Nickel Oxide—Supply position has been improving of late. This material has found some favor with platers, who experienced difficulty in securing supplies of nickel sulphate.

Nickel Sulphate — Producers are making slow but persistent progress against contracts, but at best shipments are still from six to eight weeks behind schedule. The present movement is restricted to regular consumers, which makes it rather difficult for jobbers and exporters to secure material, but occasional resale lots have reached the market. The labor disturbance in the major consuming industry has taken the edge off demand for additional lots temporarily.

Soda Ash—Maintenance of consuming demand at an exceedingly high level has required about all the soda ash that can be produced. Output at present is taking care of bulk consumers in much better shape than noted a month or two ago, but there are no surplus stocks reported. Material in paper bags has remained scarce, with manpower too short to permit prompt packaging. The glass industry is consuming output of dense ash. Shipments of light ash have been somewhat below normal for paper and

For Late Market Developments, See Page 4

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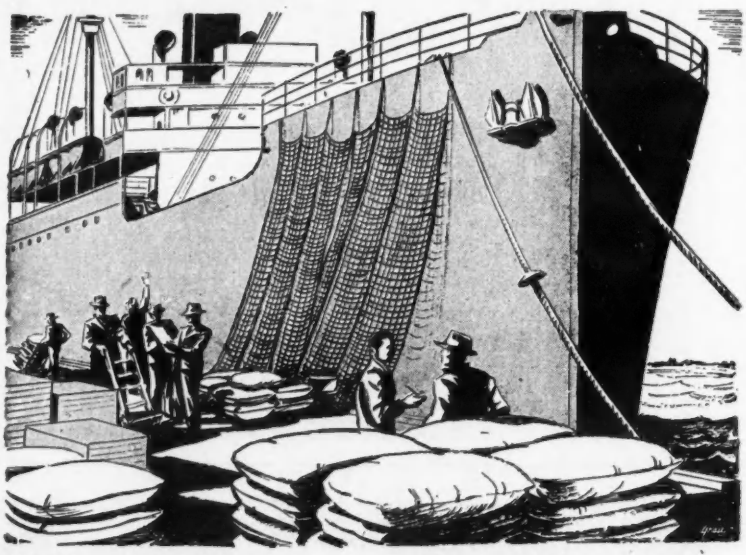

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soap, and at present it looks as though there will be less used in aluminum while the strike is on. There was no lessening of demand, however, from the ceramic, textile and petroleum industries. October production of finished light ash was placed at 187,983 tons for October, against 160,528 tons in September. Finished dense ash production was 136,749 tons in October, against 121,594 tons in the preceding month. Production of natural, crude salt cake and sulphuric acid amounted to 14,231 tons in October, compared with 14,750 tons in September.

Soda Bicarbonate — Production recorded an increase in October. The total was 17,182 tons, compared with 13,846 tons in the preceding month.

Soda, Caustic — Shortage of drum containers has slowed down shipments of the dry forms of caustic soda and intensified the shortage which has featured the market for many months. Liquid has moved in better volume although the tankcar situation has tightened appreciably. A heavy diversified demand has prevented any improvement in the supply situation. Electrolytic production in October was 84,313 tons of liquid and 15,884 tons of solid against a September output of 85,323 tons of liquid and 14,966 tons of solid. Production by the lime soda process was 62,530 tons of liquid and 22,649 tons of solid in October, compared with 54,646 tons of liquid and 18,929 tons of solid in September.

Soda Phosphate — Supply position continued definitely tight in dibasic and tribasic under an active demand mostly from the soap industry. October production was placed at 5,843 tons of dibasic against 5,014 tons in September. Tribasic output was 8,678 tons in October, compared with 7,296 tons in the preceding month.

Soda Silicate—Production of soluble silicate glass, liquid and solid during the month of October amounted to 27,321 tons, compared with 24,864 tons in the preceding month.

Tin — Advices from Singapore state that Chinese miners in the Selangor district, which is the second largest tin mining area in Malaya, have expressed the opinion that a majority of the district's most productive mines will not swing into production until next year. These mines were expected to resume operations in March but a shortage of manpower and a lack of tools and materials to replace those taken by the Japs were reported to have set back the program. Flood waters continue in some of the pits.

Acids

Hydrofluoric — Total production of anhydrous and technical was slightly lower in October. The combined total stood at 3,595,000 pounds in October against 3,761,000 pounds in September. Prompt shipments were available in all grades.

Muriatic—Market holds a well-balanced position under a steady demand for home consumption and export. Production in October registered 29,807 tons, compared with 30,552 tons in September.

Nitric—Consumers have not experienced difficulty in securing this material. Production in October amounted to 34,262 tons against 32,025 tons in September.

Oxalic — Production heavily sold ahead, mostly through March and into April. Carlot shipments are out for immediate on new business. October exports were confined to 26,000 pounds. Exports for ten months last year aggregated 1,148,000 pounds against 1,357,000 pounds for the same period in 1944.

Phosphoric — Prompt shipments remained available. October production amounted to 61,500 tons against a revised total of 63,941 tons in September.

Sulphuric — Supply has continued sufficient to meet requirements. October output was moderately higher. The total was 750,084 tons, compared with 677,596 tons in September. The government will receive bids until February 2 on 60,000 tons in tankcar lots for delivery between February 15 and May 15. The acid is technical grade and is available either 66° or 60°.

Goodrich Chemical Opens Branches

B. F. Goodrich Chemical Company has opened offices in the French building, forty-fifth street and Fifth avenue, New York. Location of a new Chicago office in the Field building has also been announced.

Heads Calif. Chemists

Dr. Louis B. Howard, assistant chief of the United States Bureau of Agricultural and Industrial Chemistry, has been elected chairman of the California Section of the American Chemical Society for 1946. Dr. Howward, who succeeds Dr. William E. Vaughan, of the Shell Development Company, Emeryville, Calif., was chosen by the California chemists as a result of his service in the Western Regional Research Laboratory at Albany, Calif., from 1940, until he was called to Washington recently as assistant to Dr. O. E. May, chief of the Bureau of Agricultural and Industrial Chemistry. Dr. Howard has been associated with various units of the Department of Agriculture since 1930.

National Technical Laboratories plans to construct an office and factory building at 820 Mission road, South Pasadena, Calif., at a cost of $160,000.

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Drug Dinner Chairman

R. S. Magnus, vice-president of Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, New York, and secretary-treasurer of the Essential Oil Association, has been appointed chairman of the dinner committee for the twentieth anniversary dinner of the Drug, Chemical and Allied Trade Section of the New York Board of Trade. The dinner will be held on March 14 at the Waldorf-Astoria hotel.

Mr. Magnus is currently serving the Drug, Chemical and Allied Trade Section of the Board of Trade in the capacity of treasurer, a post he has held for many years. He is a member as well of the executive committee of the parent body, the New York Board of Trade.

Chemical Workers Weekly Earnings Off

Weekly earnings of factory workers in chemical and related fields showed a light decrease in November, 1945, as compared with October, 1945. A breakdown of the weekly earnings for the chemical and allied industries follows:—

Average Earnings

	Weekly		
	Nov.	Oct.	Sept.
Chemical and allied products	$42.15	$42.88	$43.01
Ammunition	41.80	43.94	50.18
Chemicals	49.02	49.98	51.46
Cottonseed oil	....	....	....
Crude petroleum production	....	....	....
Drugs, medicines, insecticides	35.84	36.54	36.53
Explosives, safety fuses	46.48	46.07	42.12
Fertilizers	30.87	32.94	33.75
Paints and varnishes	45.56	45.59	46.23
Petroleum refining	56.85	53.35	57.37
Rayon, allied products	39.21	39.38	38.85
Soaps	46.17	47.86	49.83

Trade Briefs

Match factory will be erected at Mission, British Columbia. The principal market will be British Columbia.

Charles Everett, of E. I. duPont de Nemours & Co., Wilmington, Del., has been re-elected president of the Rayon Yarns Credit Association.

A. Edwin Philips has been appointed vice-president in charge of marketing for the International Plastic Corporation, Morristown, N. J.

Robert S. Hatch, of the Texas Company, was appointed manager of the company's purchasing department, to succeed Greer W. Orton, who became assistant to the president.

Stauffer Chemical Company, California, plans to construct a new bagging and storage building at 3200 East Twenty-sixth street, Vernon, Calif., at a cost of $31,000.

Swift & Co., Chicago, plans the construction of a fertilizer plant and office building in Hayward, Calif. The project will cost approximately $100,000.

Compania Swift Internacional (Swift International) has announced plans to increase the authorized capital stock from 22,500,000 pesos Argentine gold to 45,000,000 pesos.

Tourin Color Process Corporation, New York, has filed a certificate of voluntary dissolution in the office of the Secretary of State. Attorney for the corporation is Harold H. Strauss, 505 Fifth avenue, New York.

Ramsburg, Kirkpatrick Retire from Koppers Company

Retirement of two executives of Koppers Company, Inc., Pittsburgh, has been announced by J. P. Williams, jr., president of the company. Those retiring are:—C. J. Ramsburg, vice-president of the Research Division, and H. B. Kirkpatrick, manager of the Koppers building.

Mr. Ramsburg, joined the H. Koppers Company, Chicago, a predecessor of the present company, in Chicago in 1913 as vice-president. A member of the class of 1899 at Cornell University, Mr. Ramburg's first business association was with the United Gas Improvement Company in Philadelphia, where he served in various capacities ranging from works chemist to engineer of manufacture.

In 1910 he made a study of coal gas production in Europe. He participated in an international conference on nitrogen in 1928 and in the Second World Power Conference in Berlin in 1930. Mr. Kirkpatrick, who joined the H. Koppers Company in Chicago in 1912 as an estimator, was engaged in sales work in connection with construction activities from 1913 to 1929, when he became manager of the Koppers building, Pittsburgh.

J.E. Dougherty Joins Textile Technology Institute

James E. Dougherty, recently discharged from the army with a bronze star and three battle stars, has joined the staff of the Institute of Textile Technology as a laboratory technician. Mr. Dougherty graduated from the Philadelphia Textile Institute in 1936. He has had considerable experience as a designer, from 1936 to 1938 with Caledonia Woolen Mills in Clifton Heights, and then for a year with Bibb Manufacturing Company. He was employed by the Philadelphia Quartermaster Depot as inspector from 1939 until he entered the army in 1942.

Training Directors Elect

V. J. McCoy, of the Shell Oil Company, has been elected president of the National Association of Training Directors. Other officers elected are Samuel McGill, of Allied Stores Corporation, vice-president; W. F. Maguire, of the Lily-Tulip Cup Corporation, secretary, and C. T. Groom, Continental Can Company, treasurer.

Technical Div. Chief

Col. Jacquard H. Rothchild who has been appointed chief of the technical division of the Chemical Warfare Service.

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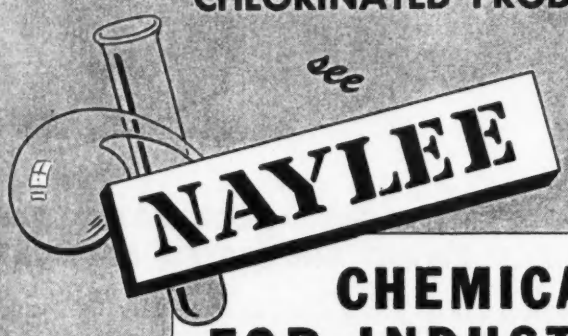

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Imperial Chem Industries In Indian Dye Project

OPD Washington Bureau

The Department of Commerce has been informed that a company is to be organized in India by Tatas Sons, Ltd., and Imperial Chemicals Industries, Ltd., for the manufacture and sale of a whole range of dyestuffs. Plans for the company were first started some years back but held in abeyance during the war. It is now proposed to go forward with the plans.

The scheme is understood to provide for complete disclosure by ICI of all technical information and knowledge to the new company for a period of twenty years. Imports of dyestuffs into India by ICI will be progressively reduced in proportion to the development of dyestuffs manufacture in the country. The agreement further provides that, until such time as the manufacture of dyestuffs in India reaches a capacity to meet the full demand of the country, dyestuffs made in India and those imported by ICI will be sold jointly so as to make available to the consumer a full range of products at all times.

Location of plant has not been determined, but it is thought it will be in Punjab or Kathiawar.

Koppers Company Acquires Wailes Dove-Hermiston Corp.

Acquisition of the entire common stock of Wailes Dove-Hermiston Corporation, Westfield, N. J., by Koppers Company, Inc., Pittsburgh, has been announced in a joint statement issued by J. N. Forker, vice-president, and Linden Stuart, president of the New Jersey company.

Koppers Company, Inc., is a leading designer and builder of coke ovens and manufacturer of byproducts from coal, and Wailes Dove-Hermiston Corporation is a manufacturer and contractor of bituminous coatings for the protection of iron and steel against corrosion. The latter company will continue to operate as a separate organization with the same management that has been in charge of its affairs for many years, the statement said.

Du Pont Real Estate Division Head Named

The appointment of Arthur Wallace Koffenberger as manager of the real estate division of E. I. du Pont de Nemours & Co., Wilmington, Del., where he started work as an office boy in the Chemical Department thirty-four years ago, has been announced. Mr. Koffenberger, assistant manager of the division since 1942, succeeds De Witt T. Cauffiel, whose retirement as manager, together with that of Benjamin A. Patch, supervisor of the idle property section of the division, was also announced. C. M. Thayer succeeds Mr. Patch.

United-Rexall Names Jacobson Vice-President

A. F. Jacobson has been appointed vice-president of merchandising for the United-Rexall Drug Company. Mr. Jacobson, former president of Sontag Chain Stores, Inc., in Los Angeles, has been with the United Drug organization since its purchase of Sontag in 1944. Prior to joining Sontag, Mr. Jacobson spent ten years with the Walgreen Drug Company, Chicago.

Johnson Joins Metalsalts Corp.

Lt. Franklyn C. Johnson, former chief of the mercury section of the War Production Board prior to his service in the armed forces, has joined the sales staff of the Metalsalts Corporation, Paterson, N. J. Lt. Johnson has just been released from the United States Army Air Forces after spending considerable time in the China-Burma-India theatre of operations.

MCA Manuals Issued

The Manufacturing Chemists Association has issued revised MCA manuals and recommended practice as follows: (1) N-1—"Handling of Nitrocellulose"; (2) TC-2—"Unloading of Hydrochloric or Phosphoric Acids from ICC 103 B Rubber-Lined Tank Cars."

Copies of these manuals may be obtained from the MCA Washington office. Price of manual N-1 is 10 cents per copy; that of manual TC-2, 12 cents per copy.

Made Manager

Clyde Baldwin has been appointed manager of the wholesale drug department of the Pepsodent division of Lever Brothers Company, Chicago. He succeeds Malcolm Hart, resigned.

Italian Sulphur Marketing Pact Dissolved

Upon request of sulphur industrialists, the official sulphur marketing organizations Ente Zolfi Italiana and Ente Zolfi Siciliana have been dissolved by the Ministry of Industry and Commerce and two new concerns established.

The former compulsory arrangement will be replaced by a voluntary Consorzio Zolfifero Siciliano with headquarters in Palermo and a Unione Mazionale Zolfi at Rome; both of these groups have already been organized. Sicilian industrialists controlling 90 percent of the island's production compose the first group, while the second will establish liaison with all national producers of the sulphur for the study and solution of problems related to domestic and foreign markets.

DDT Booklet Issued

Ampion Corporation, 4-88 Forty-seventh street, Long Island City, New York, is distributing a free booklet titled "D.D.T. Facts vs. Fiction."

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—Continued from page 7

pair parts must be anticipated six to nine months in advance.

Specific Commodity Changes

Changes in the prices of the following commodities are reported, all on the upside:—Fiber shipping cases and container items; hardware and electrical accessories; paper, paperboard, and paper items; cement; valves and fittings; lumber; coal; scrap (ferrous); construction costs castings; building brick; silica sand; milk-plant equipment; laboratory equipment.

Instances are reported of a new supplier of special products being authorized to use prices based on present costs, instead of the maximum permitted an old supplier, which is based on 1942 costs. This is one of the serious problems of price-control which result in much criticism of the government administrators; but it is difficult to find or offer any satisfactory solution.

The only specific increase reported from Canada is on castings by one major producer.

Employment

Unemployment has been increasing rapidly in the past few weeks, but much of it is "voluntary."

Where there is no labor trouble, reports show employment is the same as last month, or better.

Returning servicemen are filling some of the demand for labor, but skilled help remains short in most sections.

Canada reports unemployment is increasing due to reconversion difficulties and the rapid return of servicemen. Bush work and the service industries need additional labor.

Trade Briefs

A. E. Staley Manufacturing Company stockholders will vote February 6 on a plan to create a new class of no par cumulative preference stock with a maximum total of 150,000 shares.

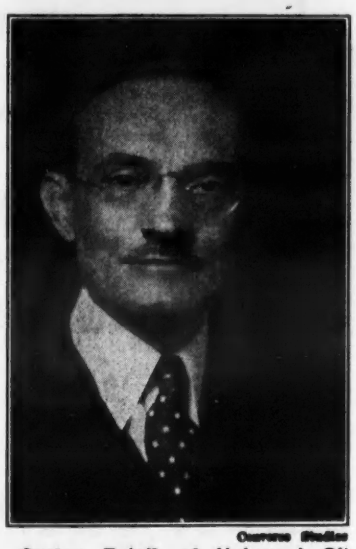
Pauline Foster has been appointed sales manager of the department store division of Revlon Products Corporation. Miss Foster has been associated with the company for the last nine years in a sales executive capacity.

Harrison F. Anderson, formerly public relations director for General Mills, Inc., Minneapolis, Minn., has been named to the newly created post of director of informational services of the Brand Names Research Foundation, Inc.

F. W. Ayers, until recently on the sales-service force of the Bemis Bro. Bag Company, Peoria, Ill., has been transferred to the Bemis plant at San Francisco, where he will carry on sales-promotion work on multiwall paper bags.

Stanford L. Hermann, operating vice-president and purchasing agent of the Apex Chemical Company, and Mrs. Hermann left January 17 for an extended combined business and pleasure trip which will take them to Mexico and Cuba prior to returning to Florida to spend two weeks in February.

Egloff Heads Mission



Gustav Egloff, of Universal Oil Products Company, Chicago, and president of the American Institute of Chemists, has left for China to head up a mission for the Chinese government on the rehabilitation and development of the petroleum industries there.

Sulphonics, Inc. Insolvent

Sulphonics, Inc., chartered under Maryland law March 11, 1943, with a capital of $200,000 to produce military chemicals, among them a special grease, was declared insolvent January 22. Its affairs have been turned over to Floyd J. Kintner as referee on the petition of creditors, with claims aggregating $14,985.

The corporation was owned jointly by the Standard Wholesale Phosphate & Acid Works, Baltimore; the Charlotte Chemical Laboratories, Inc, Charlotte, N. C., and the Morton Company, Greensboro, N. C.

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Textile and Leather Chemicals

An active demand for tanstuffs featured the market during the week. Trading, however, was light, owing to the scarcity of offerings for shipment from primary centers. Stocks at producing points were reported materially reduced by the recent liberal buying for European account. The acute shortage of chestnut and other domestic tanning materials increased interest in imported materials. Offerings of divi divi were reported scarce for prompt shipment, with producers holding nearby positions at higher levels. Wattle extract and bark were in keen demand. Advices from Africa stated that the bulk of wattle extract has been cleaned up and little material would be available for shipment during the next few months. Other tanning materials also were closely held with sellers entertaining higher quotations.

The continuation of strikes which have shut down three plants and the low receipts of corn at the plants in operation still restricted the output of corn dextrins and starches. Demand for sizing materials was urgent, but business was curtailed by the scarcity of available stocks. Potato starch output was sold up, and demand still exceeds production.

Rayon production in 1945 in the United States, which totaled nearly 800,000,000 pounds, was more than double the prewar output of 380,000,000 pounds in 1939. Despite the wartime increase in output, the demand for rayon is still considerably greater than the supply. From present indications, it seems probable that production could again double during the next ten years and reach an annual output of about 1,500,000,000 pounds by 1955, provided present high construction and manufacturing costs can be brought into line.

Production of wool and part-wool woven apparel cloths in 1945 totaled 400,000,000 linear yards, or 10 percent less than in 1944 and less than in any of the four preceding years, but still approximately 100,000,000 yards greater than average annual production in the 1935-1939 period, according to the National Association of Wool Manufacturers.

Chemicals

Alumina Acetate—Moving in moderate volume against former orders. Market tone steady at unchanged quotations.

Bichromates—Tight supply conditions continued to feature this market. Production moved steadily into consumption channels against contracts. Export demand was active, with shipments restricted owing to scarcity of materials. Prices were firm at ceilings.

Potash Prussiate—Consumers taking sizable quantities on previous orders. Market firm and unchanged.

Soda Hydrosulphite—There has been no material easing in the market. The call for delivery against orders continued in good volume. Quotations were well held.

Sulphonated Oils—Scarcity of fats oils continued to limit available supplies of sulphonated oils Demand was active for the latter, but offerings were light. Prices were well maintained.

Dyestuffs

Annatto—This market was firmer owing to the higher cost of replacements. Supplies were scarce and quoted nominally at 11¾c. per pound for nearby delivery.

Cochineal — Light supplies were closely held at former levels. Trading was mainly for small lots. Offerings for shipment from primary sources were scarce.

Sizing Materials

Albumen Blood—Demand for albumen blood by tanners and textile mills has fallen off. Stocks were said to be liberal and adequate to cover all needs. Prices were unchanged. Trading in dried soluble blood was moderate but was expected to improve within the next month or two when the insecticide trade would require seasonal requirements. This grade was reduced to 13c. per pound, in bags, carlots f.o.b Chicago, while smaller quantities were unchanged at 15c. to 20c. per pound, same basis, according to quantity.

Albumen Egg—Trading was inactive in view of the marked reduction of 13c. per pound in price ceilings which will become effective February 1. Supplies on spot were not liberal, but more than adequate at present to fill the light demand.

Dextrin Corn—Strikes continued to affect production, which have closed down three plants in the West. Deliveries against contracts also were curtailed. Market remains firm, with demand urgent.

Egg Yolk — Buying interest has slackened considerably, because of the forthcoming decline of 4c. per pound in price ceilings, effective February 1. Business was slow, but light supplies were well maintained at prevailing ceiling during the week.

Starch Corn — Production continued to be curtailed by the strikes which shut down three plants of a leading processor. The output of plants in operations also was reduced by the scarcity of corn. Offerings of the grain from farms was limited. Deliveries of cornstarch against former contracts and also new business were affected. Visible supply of corn increased 372,000 bushels for the week ended January 19 to 9,667,000 bushels, compared with 9,295,000 bushels a year ago, according to the Chicago Board of Trade.

Starch Potato — An active inquiry was still in the market, but offerings continued scarce. Production was reported sold up. Output in Maine was curtailed by the small delivery of potatoes, while in Idaho production was reported close to capacity.

Tapioca Flour—Arrivals of old crop material totaled 6,150 bags for delivery on previous contracts during the week. Market was entirely nominal owing to lack of supplies.

Tanning Materials

Divi Divi — An active inquiry was reported for prompt shipment but business was limited owing to the light offerings. Primary market was firmer with sellers quoting on the basis of $67 to $69 per ton, exdock New York for March-April shipment. Reports from Colombia stated that buyers were in the market for European account.

Mangrove Bark — This market was firm, tanners showed a good inquiry for nearby requirements. Shipments were well maintained at current levels.

Myrobalans — Buying interest was reported fairly active for prompt shipment. Offerings for shipment were light and firmly maintained at former quotations.

Quebracho Extract — Limited offerings continued to restrict business. Consuming inquiry was keen for nearby shipment. Market was firm at ceilings. Trading for European account recently was reported active, acording to advices from primary sources.

Wattle Bark—Scarcity of supplies of the extract at producing points continued to affect trading. Tanners were in the market for replacements and the lack of offerings restricted business. Quotations were firm at ceilings. Reports from Africa stated that stocks have been practically cleaned up, and little would be available during the first half of the year. Offerings of bark also were scarce and firmer. East African was quoted at $52.50 and fair average quality at $55 per ton, exdock U. S. ports.

Market Trends

Prices Advanced

Annatto seed, 3c. per lb.
Divi divi, $2 per ton.
Mangrove bark, $1 per ton.
Wattle bark, $2.50 per ton.

Prices Reduced

Blood, dried, soluble, ½c. per lb., c.l.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
310.5	308.0	305.05	284.0

(For Current Prices see page 9)

For Late Market Developments, See Page 4

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Nebraska ACS Names Harris Chairman

Lewis E. Harris, director of the Harris Laboratories and research director of the Norden Laboratories at Lincoln, Neb., has been elected chairman of the Nebraska Section of the American Chemical Society for 1946.

Other new officers are: Dr. Carl E. Georgi, associate professor in the department of bacteriology at the University of Nebraska, vice-chairman, and Dr. Paul J. Jannke, associate professor in the College of Pharmacy at the University of Nebraska, secretary-treasurer. Dr. E. Roger Washburn, professor in the university's department of chemistry, was named to the national council of the American Chemical Society.

National Oil Buys Site for Expansion

The National Oil Products Company, Harrison, N. J., has purchased for $1,000,000 a tract of waterfront property on the Passaic River adjacent to its present plant. The property, formerly owned by the United States Gypsum Company, comprises a 150-foot frontage on the river at the foot of Bergen street and runs approximately 200 feet back to existing building of the Nopco plant.

Solvay Sales Names Elleman, Todd to Posts

Col. John H. Elleman has been appointed manager of calcium chloride sales by the Solvay Sales Corporation. He succeeds George Kimber, who recently resigned to become executive secretary of the Calcium Chloride Association, with offices in the Penobscot building, Detroit. Harry C. Todd, formerly assistant manager of calcium chloride sales, has been named manager of advertising and sales promotion.

Hutchinson & Co. Marks 50 Years in Business

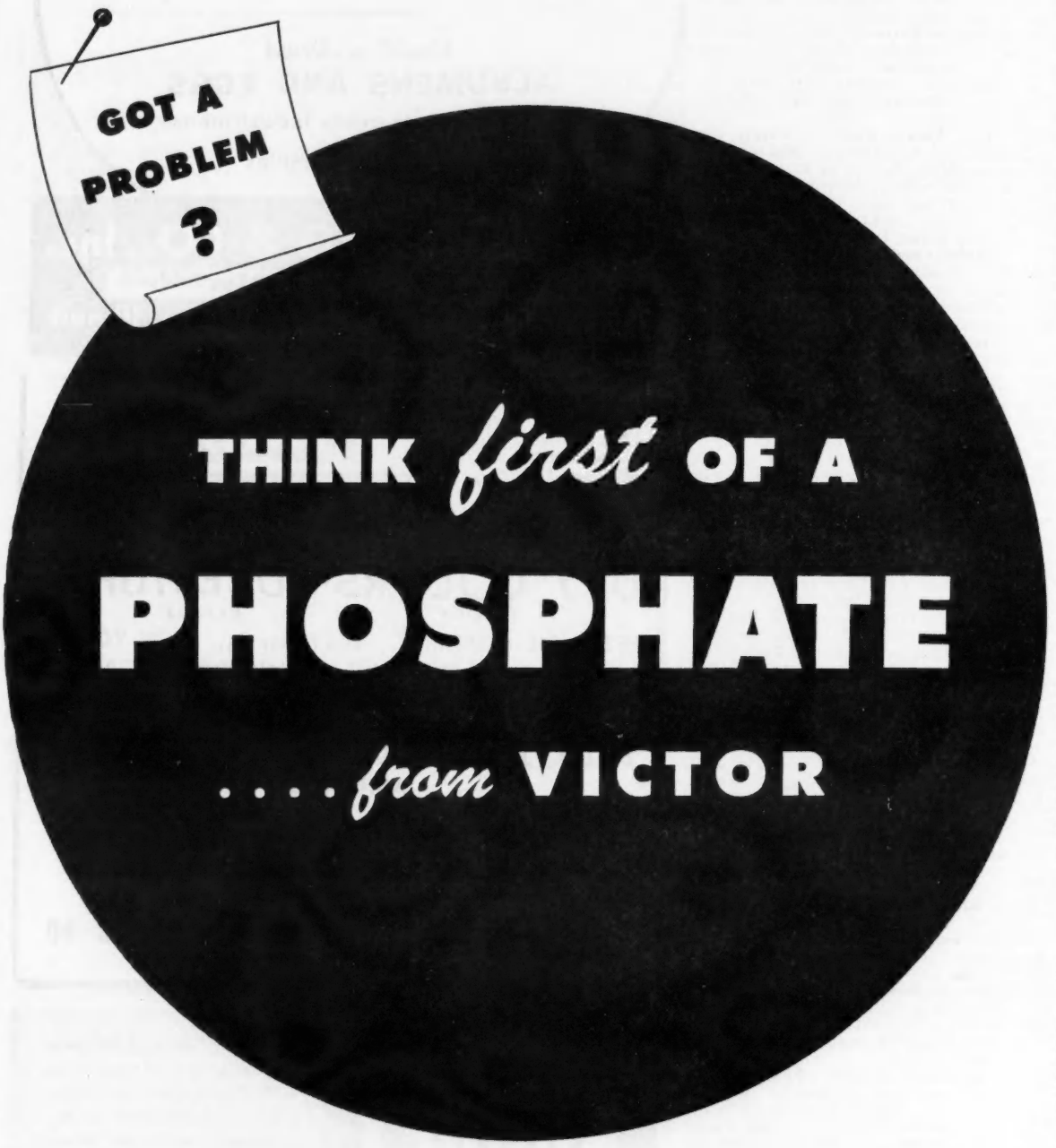
D. W. Hutchinson & Co., essential oils and aromatic chemicals, New York, is marking its fiftieth anniversary. The company was organized in 1896 by D. W. Hutchinson, sr., with offices at 78-80 Murray street, subsequently moving to 5 Cedar street and thence to 86 Maiden lane. In 1935 the company moved to its present address at 162 Front street.

Capt. Milano Returns To Head Millmaster

Capt. Robert J. Milano, of Millmaster Chemical Company, 551 Fifth avenue, New York, has returned to his post as head of that firm after serving in the army since June, 1942. On terminal leave until February 24, Capt. Milano's last assignment was with the chemical commodity division of the Chemical Warfare Service in New York. Called into the service as a private, Capt. Milano was graduated from Officers' Candidate School in December, 1942.

Pittsburgh Plate Broadens Retirement Program

Pittsburgh Plate Glass Company, Pittsburgh, has announced a broadening of the company's retirement program for salaried employees. Under the new plan, more than 3,200 salaried employees, thirty years of age or over, who have completed at least three years' service with the company, but who have not yet reached the retirement age of sixty-five, will be eligible for the retirement program.



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Textile Chemists to View Testing Instruments

"New Advanced Testing Instruments" will be the subject of the meeting of the New York Section of the American Association of Textile Chemists and Colorists to be held at the Downtown Athletic Club, New York, February 15. Subjects and speakers are as follows:—

"The Continuous Indicating pH Meter-Line Operated," Frank Paully, of the Macbeth Corp.

"Outline of Stability of Color Matching Lamps," F. C. Reinshield, of Analyte Instruments, Inc.

"An Advanced Fabric Wear Tester," W. H. Masterson, of Better Fabrics Testing Bureau.

"A New Instrument for Determining Chlorine Retention," Walter Stump, of Crown Tested Department of the American Viscose.

The instruments will be on display and demonstrated.

Vitamin Institute Names Scientific Director

Dr. Robert Stanley Goodhart, since March, 1943, chief of the Industrial Feeding Program Division of the War Food Administration of the Department of Agriculture, has been named scientific director of the Institute for Vitamin Research, Inc., according to Dr. Theodore G. Klumpp, chairman of the institute's board of governors and president of Winthrop Chemical Company, New York. Dr. Goodhart recently returned from Japan, where he studied nutritional problems of the Japanese people. He expects to complete this project by March 1, when he will assume his new duties.

Providence Textile Chemical Adds Morin to Sales Staff

Raymond J. Morin for six years, supervisor of textiles with the Boston Quartermasters Depot has joined the sales organization of the Providence Textile Chemical Company, Providence, R. I. Prior to his affiliation with the Quartermaster Depot, Mr. Morin was associated with the Rosemont Mill of Guerin Mills, Inc., of Woonsocket, R. I., for twenty-five years.

Raschel Fabric Treated With Cellulose Patented

A raschel knit fabric in which the shape of the meshes and the width of the fabric have been set by use of a cellulosic material has been developed by Sidney M. Edelstein, technical director of Dexter Chemical Corporation, New York, it is learned. This fabric is said to have stability against normal conditions of use and laundering.

Hooker Assigns Daving To Cincinnati Area

The Hooker Electrochemical Company of Niagara Falls, N. Y., has recently assigned Charles Daving as salesman, making his headquarters at Cincinnati, Ohio. Mr. Daving, a graduate of Capitol University, spent a number of years in plant work at Niagara Falls prior to his recent assignment.

Trade Briefs

Fertilizer conference will be held at the University of Maryland, College Park, February 15.

Natural Vitamin & Mineral Corporation has been formed in Los Angeles county, with a capital of 2,500 shares of no par value stock. Directors are:—D. B. Randal and Martin E. Fleming, both of Pasadena, Calif., and E. M. Barrett, of El Monte, Calif.

Edward F. Hinderer, recently discharged from the U. S. Medical Corps after thirty-one months of service, has joined the sales staff of Tombarel Products Corporation, aromatic chemicals, New York. Mr. Hinderer was formerly associated with Charles L. Huisking for ten years prior to entering the armed forces.

John N. Curlett, vice-president and director of McCormick & Co., aromatics and insecticides, Baltimore, and a former president of the National Association of Insecticide and Disinfectant, Manufacturers, has been elected illustrious potentate of Boumi Temple, of the Shrine, Baltimore. He is the youngest man ever to have held that post.

Agricultural Chemicals

Increased buying interest has faced tight supply conditions in many fertilizer materials with possibilities of the shortage becoming more pronounced as the active season draws nearer. Export inquiry is also expanding. The facts of essential need and shortage dominate the current world fertilizer outlook. Requirements for fertilizers in liberated countries since the end of the war intensified already existing shortages and have given rise to new problems in equitable distribution among claimant countries. Increased production resulting from reconversion of war plants from munitions, here and abroad, has not nearly equalled the increased requirements. The Department of Agriculture has suggested two broad methods of meeting world fertilizer shortages. One is to raise production to the maximum and ship materials from surplus supply areas to the deficient sections. The other is to reduce the general level of plant food consumption in all countries. It was explained that there are limits beyond which either policy cannot be implemented this crop year. It was further stated that, while a tight supply situation will exist in the United States this year, available stocks of plant food should be sufficient to maintain high level food production.

Total fertilizer exports from January through October, 1945, amounted to 787,000 tons. This was an increase of 49,000 tons over the same period in the preceding year, with a rise in shipments of phosphate rock accounting for 47,000 tons. There were sizable increases in shipments of nitrogenous materials and prepared mixtures, but they were about neutralized by the decline in superphosphate exports.

Stocks of agricultural insecticides have remained easy in most instances. The exceptions include nicotine and rotenone. Nicotine sulphate is exceedingly short and the 1946 outlook is not favorable. This material has previously had the benefit of subsidy programs for processing leaf tobacco but, according to the Department of Agriculture, no such program is contemplated this year.

Nitrogenates

Ammonia Nitrate—Production for the month of October was placed at 35,301 tons by the Bureau of the Census. September output was placed at 38,648 tons.

Ammonia Sulphate—With steel production at the lowest rate in history, the outlook for supplies of ammonia sulphate is not encouraging. The market is definitely tight with shipments from major producing plants practically at a standstill. The only by-product coke material in production is coming from a few independent steel mills and public utilities. October exports were 2,641 tons. January-October exports were 18,102 tons against 6,999 tons for the same period in 1944.

Bone Phosphate—Importations during October amounted to 3,593 tons. Imports from January 1 through October were 45,268 tons against 56,236 tons for the same period in 1944, according to the Department of Commerce.

Castor Pomace—No additional lots have reached the market. Shipments are reported to be confined to existing contracts at the present time.

Dried Blood—Production has been restricted by the suspension of operations at meat packing plants. Demand for both feed and fertilizer was active with trading restricted by the shortage of stocks.

Soda Nitrate—Buying interest of broader dimensions has accompanied the approach of the active consuming season. In order to distribute stocks on an equal basis, suppliers are continuing the policy of making their own allocations. Importations during October amounted to 28,870 tons, compared with 28,551 tons for the same month in 1944. Total imports from January through October were 818,991 tons compared with 530,354 tons in corresponding period in 1944. Importations are expected to drop considerably during the remaining months of the current fertilizer year.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

(For Current Prices see page 9)

Phosphates

Phosphate Rock—Figures released by the Department of Commerce show that 56,911 tons of phosphate rock were exported in October. Included in this amount were 12,340 tons of high-grade hard rock, 22,778 tons of land pebble and 21,973 tons of other grades. The total amount exported from January 1 to October 31 amounted to 462,956 tons, compared with 415,734 tons for the corresponding period in 1944. Heavy domestic demand has kept production constantly under pressure and suppliers' inventories remained at a low level. Foreign advices state that it will probably be June before sizable stocks will be available from Nauru and Ocean islands in the South Pacific. It may be even two years before large cantilever loading facilities are installed at Nauru.

Superphosphate — Regardless of heavy production, the current demand has kept the market in a tight position with buyers experiencing difficulty in increasing commitments. Production is about as high a capacity as manpower and the movement of basic materials will permit. Exports of normal 18 percent were placed officially at 22,915 tons in October and at 4,453 tons for triple. The former figure was higher than any preceding month in 1945.

Potashes

Transportation of potash has shown less interruption from boxcar shortage this month than in December. Mixers have taken deliveries readily and the unusually heavy demand for mixed fertilizers has prevented resale potash from reaching the market. Production appears to have been sold tight to April. Exports of potash in October were 9,692 tons of muriate, 1,083 tons of sulphate and 535 tons of other potash materials. Combined exports from January 1 through October were 84,717 tons, compared with 86,692 tons for the same period in 1944.

Insecticides

Regardless of rather heavy export shipments of the arsenicals, the supply outlook for domestic use at present appears satisfactory. CPA placed the October production of calcium arsenate at 1,304,000 pounds against 906,000 pounds in September. Exports totaled 121,000 pounds, including 100,000 pounds to China and 10,000 pounds to Mozambique and to the Union of South Africa. Total exports in September were 208,000 pounds..

Rotenone—Importations during the first ten months of 1945 amounted to 900,000 pounds above the corresponding level in 1944, or 6,110,000 pounds. There is a possibility that stocks of rotenone will not cover the agricultural demand, regardless of increased imports in 1945. The public purchase program for the importation of rotenone and rotenone-bearing materials will be terminated and trade restored to private importers on March 31.

Sulphur and Pyrites

Demand for indirect agricultural use has continued heavy with buyers not confronted with a supply problem. Stocks fully adequate to meet demand were carried over into the new year and so far as native sulphur supplies are concerned, the outlook is favorable. Regular consumers are taking pyrites, as usual, with Canadian material prominent in the current movement.

For Late Market Developments, See Page 4

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OF POTASH

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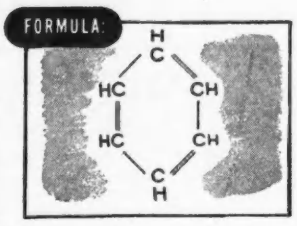
GENERAL SALES OFFICE... 50 Broadway, New York, N. Y.
MIDWESTERN SALES OFFICE... 612 Lehman Building, Peoria, Ill.
SOUTHERN SALES OFFICE... Mortgage Guarantee Building, Atlanta, Ga.

BENZOL

DEFINITION: Benzol (Benzene) is the parent hydrocarbon of the aromatic compounds. It is the basic raw material for the synthesis of many organic chemicals.

HISTORY: Discovered in 1825 by Faraday in an oil obtained by compressing illuminating gas. Hofmann found it in coal-tar in 1845. The process of recovering benzol industrially was first developed by Charles Mansfield.

FORMULA:



SOURCES: Benzol is obtained principally from the destructive distillation of coal. Most of the benzol produced in this operation is recovered by scrubbing coke-oven gas, while the balance is found in the portion of coal-tar that distills below 170°C.

CHARACTERISTICS: The pure product is a mobile, colorless liquid. It boils at 80.1°C., and crystallizes at 5.5°C. It is practically insoluble in water but mixes readily with ether, anhydrous alcohol, petroleum distillates and many organic liquids.

USES: A solvent for stains, coatings, and rubber cements; an essential raw material for the manufacture of dyes, tetryl and other explosives, synthetic rubber, phenol, aviation fuel, and D.D.T.

GRADES:

	Sp. Gr.	Boiling Range
Benzol, Nitration Pure	.882-.886	1°C max. incl. 80.1°C
Benzol, Industrial Pure	.875-.886	2°C max. incl. 80.1°C
Benzol, 90%	.870-.886	Start: Min. 78.2°C 90% Min. at 100°C
Thiophene-free Benzol	.882-.886	1°C max. incl. 80.1°C

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

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Coaltar Chemicals

Closing down of the country's largest coke ovens has cutback the production of basic coaltar chemicals, stopped shipments and substantially tightened the supply of materials. Producers have faced a mounting demand, but at this time have formed no definite policy as to distribution. There are possibilities that supplies available will be allocated by producers, but the market situation was confused throughout the past week. The overall supply condition will become more acute if the labor disturbance is continued for any length of time. At present, the production of coke is small and is dependent upon the independent steel mills and the public utility companies.

Benzol which was about on even beam in the previous week has tightened sharply and even toluol stocks have been reduced. The supply of xylol has been brought to an exceedingly low level and buyers have shown a tendency to shift to petroleum xylol and toluol where stocks were more readily available. Trade opinions were heard that the government might unload its stockpile of toluol if an emergency develops.

While inventories of pyridine and the picolines have enabled prompt shipments to continue, practically every other basic coaltar chemical has felt the tightening influence of a cutback production. Demand for phenol increased. The supply of cresylic acid and cresols was said to be at the lowest level on record. The pinch in creosote oil was pronounced and the stringency in the basic markets was reflected throughout the list of dyestuffs and intermediates. The situation will be regulated by developments in the steel strike and producers say it will take from two to three weeks after it is settled before production of coaltar chemicals can be restored to the level of former operations. The scheduled steel production at the beginning of last week was the lowest on record.

Steel operations for the week beginning January 21 were scheduled at 4.9 percent of ingot capacity, compared with 76.5 percent in the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 62.8 percent. The present schedule is equivalent to the production of 89,700 net tons of ingots and castings, compared with 1,401,200 tons in the preceding week and 1,670,300 tons for the corresponding week in 1945.

Basic Products

Benzol—After attaining an evenly balanced position, this market has developed into a tight supply condition, with possibilities of a definite shortage in sight if the labor disturbances in the steel industry are continued for any length of time. Public utilities and some of the independent steel mills are the only bases of production at present. Exports from January through October amounted to 1,233,000 gallons, compared with 559,000 gallons for the same time in the preceding year.

Creosote Oil—In definitely tight supply owing to the cutback in production. Active consuming demand during the past few months for wood-processing has prevented the accumulation of reserve stocks. Importations over the period from January through October amounted to 2,202,000 gallons, compared with 2,495,000 gallons for the corresponding time in 1944.

Cresylic Acid—Current supplies of cresylic acid and cresols are at the lowest level on record, according to the views of some domestic producers. Demand has continued unusually heavy, with the plastic industry the largest consumer. Importations have been small, and it was stated that stocks for export from Great Britain are less readily available. Arrivals last week amounted to 420 drums. Imports for the first ten months in 1945 amounted to 1,729,000 gallons, compared with 1,797,000 gallons for the same time in 1944.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

(For Current Prices see page 9)

Naphthalene — Shipments of crude and refined have been substantially reduced by the interruption to output. Both grades were in tight supply before the steel strike was called, and both were in tighter supply at the close of the week, while buying interest continued to mount.

Phenol—Supply position definitely tighter, with buying interest active. Cutback in production has created a shortage that will probably get worse before it gets better.

Picolines—Alpha, beta and gamma were available for prompt shipment during the week from inventories carried by producers. Inquiries for synthetic resin and rubber as well as dyestuffs were covered promptly.

Pyridine—There was enough of this material around to meet requirements in the pharmaceutical resin and dyestuffs industries.

Toluol—In smaller supply, but meeting current requirements. While the outlook for production as a by-product from coke is not good at present, there are stocks of petroleum toluol available temporarily, and it is possible the government may loosen up its stockpile, which is said to be around 15,000,000 gallons.

Xylol—Short stocks, which have characterized this market during the past few weeks, have registered an additional shrinkage under an active demand and a cutback in production. There was a tendency on the part of buyers to shift to the petroleum variety when some stock was available.

Hydrogenated Solvents

Most of these solvents were available last week but producers were unable to determine how long this condition would exist. So much depends upon the availability of securing basic materials under the suspension of output that market prospects at this time are decidedly uncertain.

Coaltar Acids

Anthranilic—Inventory position inclined to tighten, with outlook uncertain temporarily and stocks depending upon the ability to secure sufficient basic materials. Dyestuff industry calling for regular shipments.

Fumaric—Stocks continued short with backlog orders taking production readily. Possibility of less demand for protective coatings owing to labor disturbances in that industry.

Gamma—Finding a steady outlet mostly to regular consumers. Production not sufficient at present to build up inventories.

H—Supply position tight with production confined to regular consumers, mostly the dyestuff manufacturers. Producers have not been able to build any surplus and are not in a position to accept new business at present.

Maleic—Tight with prospects of becoming tighter under difficulty of maintaining production under current labor disturbances. Demand, meanwhile, has shown no important signs of relaxation from the synthetic resin industry.

Other Intermediates

Anthracene—Makers of dyestuffs and anthraquinone as well as other consumers were able to secure prompt shipments last week. Present inventories are sufficient to cover requirements temporarily, at least.

Anilin—Improvement in the distribution of this intermediate has been checked, with prospects uncertain owing to the cutback in production of benzol. Market supply conditions will depend upon the availability of basic material.

Catechol—Inventories have been sufficient to allow the booking of orders for prompt shipment. Some

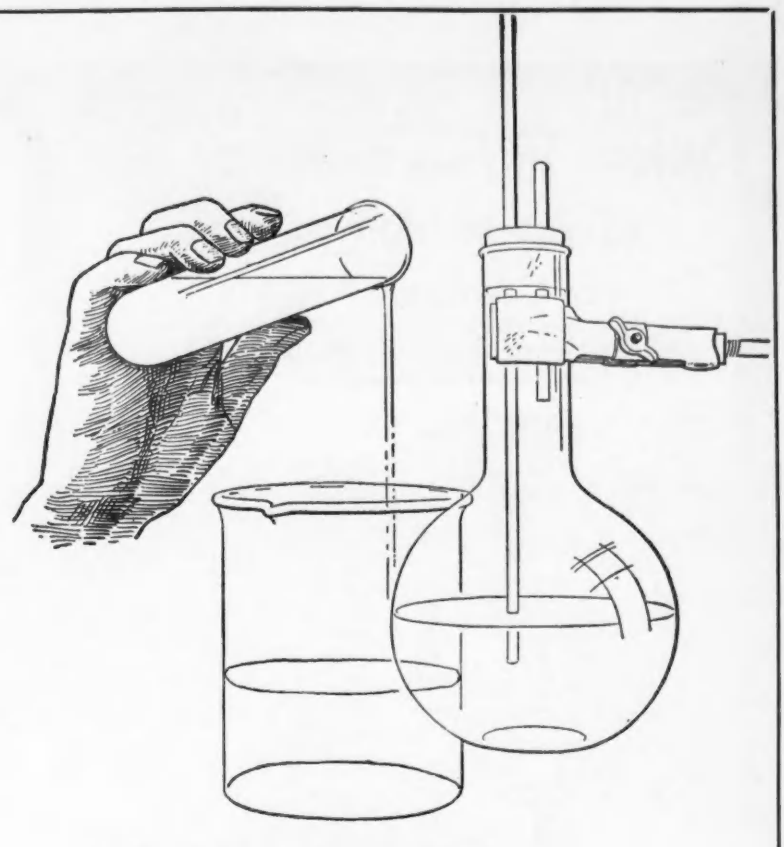
For Late Market Developments. See Page 4

KOPPERS Coal Tar Chemicals

Benzol
Toluol
Xylol
Phenol
Cresols
Xylenols
Cresylic Acid
Frozen Neutral Oil
Tar Acid Oils
Pyridine
Picolines
Lutidines
Quinoline
Naphthalene
Creosote Oil
Sulphate of Ammonia
Phthalic Anhydride

and other coal tar chemicals

KOPPERS



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TAR and CHEMICAL DIVISION
Pittsburgh 19, Pa.

The Industry that serves All Industry

OPD—1-28-1946 43

deferment of buying seems to have been experienced because of existing strike conditions.

Phthalic Anhydride — While shipments were fairly regular during the past week, possibilities of the supply becoming more of a problem were apparent. On the other hand labor difficulties in some of the major consuming industries, including the enamel type finishes, has been of a less urgent character. The inquiry for another anthraquinone and ester-type plasticizers remained active. The basic product naphthalene has tightened appreciably. Exports of phthalic anhydride in October amounted to 257,000 pounds. Exports for the first ten months of 1945 were 2,301,000 pounds, compared with 664,000 pounds for the same period in the preceding year.

Resorcinol—This market had attained a practically normal position with shipments moving out on time. How long this condition may exist depends upon the length of steel strike and developments in the market for basic materials.

Coaltar Colors

Until last week, the supply situation had shown gradual improvement under a somewhat better supply of intermediates that enabled producers to make domestic deliveries close to schedule. At the present time maintenance of production is given to uncertainty owing to labor disturbances that vitally affect the output of basic materials. Exports in October aside from synthetic indigo and sulphur black, amounted to 1,286,000 pounds. During the first ten months of 1945, exports totaled 13,433,000 pounds with a value of $13,464,000.

Niagara Sprayer to Build California Plant

Niagara Sprayer & Chemical Company, Inc., Middleport, N. Y., subsidiary of Food Machinery Corporation, are constructing a plant at Richmond, Calif., for production of a complete line of insecticides, fungicides and allied products, at a cost of $450,000.

Maryland ACS Names G.B. Cooke Chairman

Dr. Giles B. Cooke, research executive of the Crown Cork & Seal Company, Baltimore, has been elected chairman of the Maryland Section of the American Chemical Society for 1946.

Other new officers are:—Dr. John Herculson, head of the department of chemistry at Morgan State College, vice-chairman, and Dr. Channing W. Wilson, research chemist for the Consolidated Gas, Electric Light & Power Company, secretary-treasurer.

Trade Briefs

R. W. Lea has been appointed executive vice-president of Johns-Manville Corporation, New York. He will also continue as vice-president for finance.

Hercules Powder Company, Wilmington, has announced the retirement of W. T. Ayer of the engineering department after 27 years with the company.

Baum Boulevard Division of the Blaw-Knox Company, Pittsburgh, has been renamed the Chemical Plants Division in order to identify itself more closely with the purpose for which it was originally organized.

Frances R. Parady has joined the O. Hommel Company, seramic chemicals, Pittsburgh, as sales representative. He was enameling superintendent for the Florence Stove Co., Gardner, Mass., from 1926 to 1943.

Keto Chemical Company, manufacturer of fine chemicals, has issued a booklet on "Oxydrene (Desoxyephedrine), Its Chemistry and Uses." A copy of the booklet may be obtained by writing the company, 40-33 Twenty-third street, Long Island City 1, N. Y.

Otis E. Grant, of the New York office of the Dow Chemical Company, will be one of the speakers in a symposium on "Magnesium," to be held January 16 in the Hotel New Yorker, New York, by the American Society of Mechanical Engineers and the American Society of Tool Engineers.

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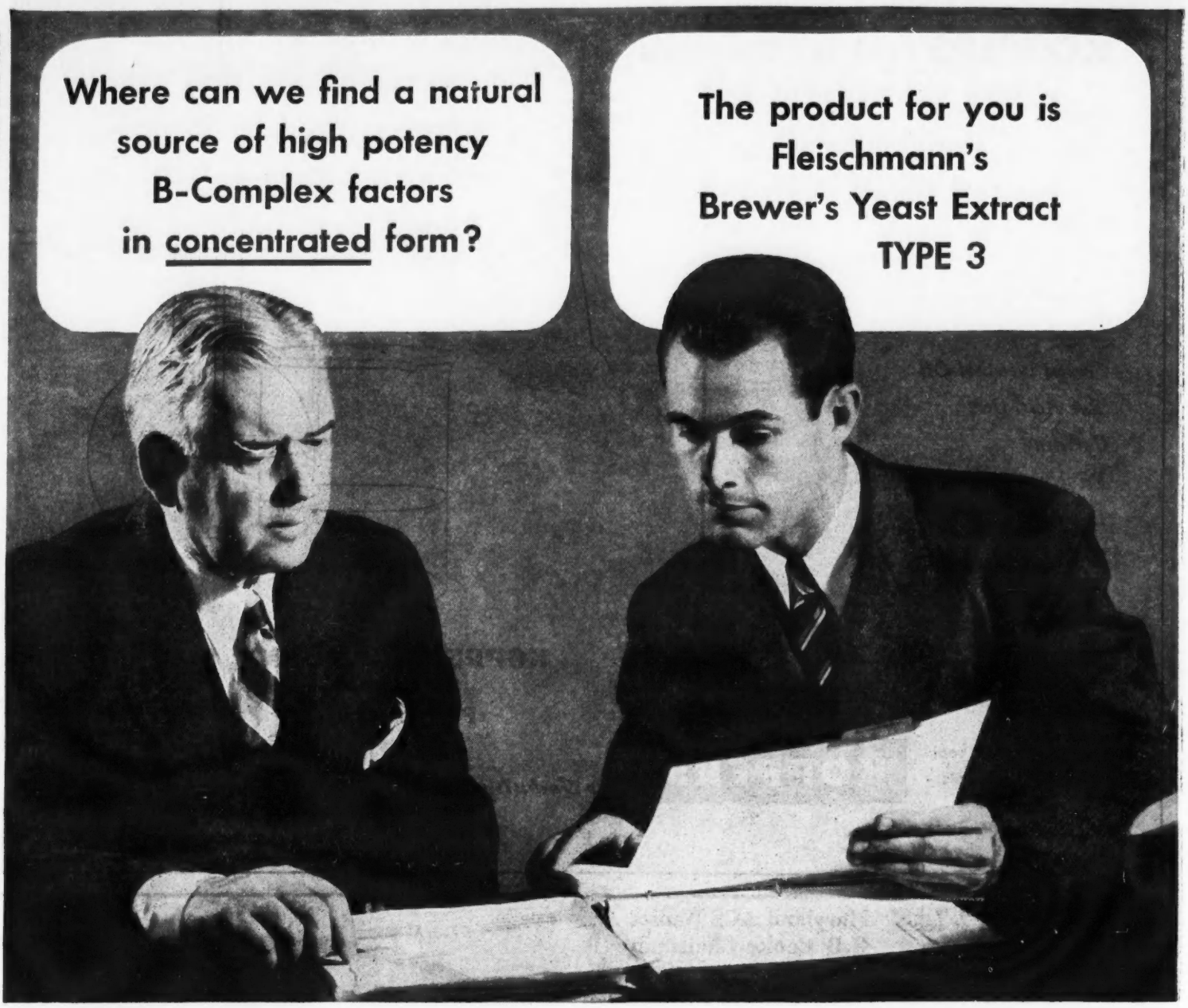
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Fleischmann's Brewer's Yeast Extract Type 3 in a B-Complex deficient diet has the growth-promoting properties of 3 to 4 times its weight in dry yeast.

By utilizing Type 3 Extract as a source of Natural B-Complex, you are able to furnish more of the B-Complex factors than found in an equivalent amount of dry yeast.

This product is guaranteed (or your money will be refunded) to contain these vitamin potencies per gram: Vitamin B_1 — 300 International Units; Riboflavin — 200 micrograms; Niacin — 1500 micrograms. It is also a rich source of all other B-Complex factors natural to yeast.

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Drugs and Fine Chemicals

Domestic manufacturers of tartaric acid, cream of tartar, Rochelle salt, and Seidlitz mixture surprised last week by effecting a thoroughgoing reduction in quotations. It was the first price change of any description for several years and established prices for domestic production on a basis competitive with imported merchandise which, for months on end, had been underselling the domestic producers. The reductions in part were accounted for by a somewhat lower cost of raw material, but a part of the reduction was also due to expected further declines in the price for starting point materials.

Some price unsettlement was noted in quicksilver, which metal, last week, sold at a moderate reduction from previous quotations without there having been any substantial increase in available material. Mercurial price schedules held unchanged, nor were they expected to be altered unless a sustained price decline should develop in metal—which seems unlikely now.

So much for the price situation. The country-wide steel strike did nothing to aid the fine chemical market in coaltar derivatives. Almost immediately the strike began on Monday morning, reports indicated that supplies of benzol, toluol, and xylol had tightened acutely, which naturally will affect the movement of such raw materials to fine chemical plants producing coaltar-derived products. The situation is fraught with many kinds of adversity to both producer and buyer of such materials.

Menthol lacked new development save that it gave signs of some gain in unsettlement and was apparently moving into a more competitive position. However, prices are already close to position normal for the item. Atropine seemed to be developing strength. One recent seller at minimum prices admitted having withdrawn all stocks for the purpose of ensuring enough for manufacturing requirements of the company. Santonin was another article developing strength that was in line with seasonal expectations. A wider difference between sellers' minimum price views developed.

Acid, Ascorbic — Undertones remained steady. Demand measured up to that current for a long time past and there was no reason to expect any decrease in the foreseeable future. Prices appeared to be steady.

Acid, Citric—With more acid forthcoming from the producers, the supply situation continued to show moderate improvement. Further evidence of a more substantial business in resale circles was noted but to this time prices obtained in such directions are above the producers' limits in most instances.

Acid, Tartaric—Down came the official quotations of the American producers, values reaching a basis virtually competitive with prices quoted for some time past by sellers of imported material. The new prices of domestic manufacturers are:—Granular or powder, barrels, 10,000 pounds, one shipment, 62½c. per pound; smaller lots, 63c.; keg packing, ½c. higher than the above.

Alcohol—Disposition of the large government-owned stockpile poses a problem, the solution of which has not been reached. Potential and actual productive capacity of the nation is to be reckoned in connection with the stockpile and resolution of the difficulties to a point where normal supply and demand can determine the market is no easy matter. It may be—nay, probably is—that a wide use of alcohol as fuel may grow from the present situation and official moves in that direction are expected by some.

Ammonia Benzoate—Production is likely to be hampered if the present steel strike continues until raw materials become hard to obtain—and that is a possibility that is not being ignored. Sellers were disposed to show some reserve.

Atropine—Some suppliers recently quoting minimum prices have virtually withdrawn from the market and

Market Trends

Prices Advanced

None

Prices Reduced

Acid, tartaric, 8c. per lb.
Argols, $15 per 100 kilos.
Cream of tartar, 6c. per lb.
Rochelle salt, 5c. per lb.
Quicksilver, $3 per flask.
Seidlitz mixture, 3c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
206.1	206.7	207.4	232.4

(For Current Prices see page 9)

at the present time conserve their holdings for their own manufacturing purposes. A stronger market has developed and the tendency of prices is upward.

Butyl Acetate—Minimum prices appeared to be holding but there was evidence of growing competition in the place of a total lack of that element in the not far distant past. Supplies were more broadly available.

Castor Oil—Sales are going forward on an open billing basis with approval of the Office of Price Administration. OPA has a price study underway for the ultimate purpose of setting a higher ceiling for the producers—one more in line with the prices they have to pay now for castor beans in Brazil. Also, it is likely that official negotiations regarding prices to prevail for beans are underway. It is felt that the higher ceiling will not exceed a 2c. advance over current quotations.

Arrivals of beans here totaled 3,335,550 pounds, bringing the total since January 1 to 16,647,750 pounds—which compares with 9,912,750 pounds for the corresponding period, 1945.

Chicago, Jan. 23.—Castor oil prices are:—Cold press, U.S.P., 13¾c. per pound, returnable drums, carlots; 14½c., drums, less than carlots; 13c. tanks; No. 3, extracted, 13½c. per pound, drums, carlots; 14¼c., drums, less than carlots; 12¾c. tanks.

Cream of Tartar—Domestic producers reduced quotations sharply early last week, bringing about the price of 51½c. per pound for 5,000-pound lots, one shipment, 52c. per pound for smaller quantities in barrels, and 52½c. in kegs. It was the first change in either direction for years.

Fishliver Oils—The supply situation was very unsatisfactory. Production is taken up promptly, leaving virtually nothing for reserve supplies in the hands of the producers. Demand pressed actively and full prices were obtainable with no difficulty.

San Francisco, Jan. 23.—Fishliver oil market quiet. Very little trading was reported because of lack of offerings.

Glycerin—Demand took production in fine fashion. When commitments are met each week, little glycerin could be listed as being surplus since there is a market for every pound now being produced and nothing at this time suggests an early change in the rapid absorption of the not increasing production of all kinds of the article.

Chicago, Jan. 23. — Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17¼c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcar; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Hydrogen Peroxide — Producers learned that November production of hydrogen gas totaled 1,399 million cubic feet, comparing with October output at 1,331 million cubic feet. Demand for peroxide was very good and civilian requirements were more readily covered. All prices were very steady.

Magnesia Carbonate—Well stabilized in price. Demand has assumed a more clearly peacetime appearance but there seemed to be little difficulty in obtaining supplies to meet consumer needs.

Menthol—The immediate spot market was quiet as to demand and not especially steady as to price—although no further downward movement in values was reported. Conditions seemed more favorable for buyers who, however, were disposed to permit the forthcoming production in Brazil to come fully under the influence of weaker undertones just as the production starts.

Mercurials — Raw material has turned easier and slightly lower, though how permanent the trend may

For Late Market Developments, See Page 4

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"FOR EXPORT"

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AMMONIUM BENZOATE

CALCIUM BENZOATE

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be is a moot question. Mercurials remained unchanged in price and, to all apparent intents, were likely to so hold for the immediate future.

Methanol—From the Bureau of the Census came the report last week that in October, 281,000 gallons of natural methanol had been produced in that month, which compared with 222,000 gallons in October. In the previous week, figures in pounds and originating with the U. S. Tariff Commission were presented here.

Quicksilver—Quotations were reported around $105 to $110 per flask and the market seemed temporarily easier in addition to being moderately lower. No major shift in the supply situation has developed nor was one in sight last week.

November production totaled 1,350 flasks, a gain from October output at 1,200 flasks. Imports totaled 18,261 flasks, the second largest month in 1945; in July, 19,504 flasks reached here. Consumption in November was 2,500 flasks, comparing with October at 3,100 flasks. Stocks held by the Metals Reserve at the end of November totaled 63,638 flasks, the figure also reported for September and October. Consumer and dealer stocks were down to 23,000 flasks from the October total of 37,800 flasks.

San Francisco, Jan. 23.—Quicksilver stocks remain low. Very little spot metal is being offered. Producers were quoting metal between $103 and $105 per flask, f.o.b. San Francisco.

Quinine—News reports from Java last week included statement of barricades having been thrown up in the streets of Bandoeng, center of the quinine and cinchona bark industry in that unhappy island. Also, during the week Russia at the United Nations Organization meeting in London moved for consideration of British activity in Java. So, to insurrection, rebellion, and milder forms of armed force activity was added a shot of political stimulation.

Rochelle Salt—The producers reduced prices on 5,000-pound lots, one shipment, in barrels, to 38½c. per pound; smaller lots, 39c. It was the first price movement in years and suggested the development of more competition in basic raw materials.

Santonin — Demand has bettered considerably and some quarters report sales around $185 per kilo—against some producers' quotations minimum at $170. But the market was unquestionably firmer.

Silver Nitrate—The Bureau of the Census reports that November production, 100 percent basis, totaled 2,845 million ounces, compared with October production of 2,612 million ounces.

Seidlitz Mixture — The producers have reduced quotations on 5,000-pound lots, one shipment, to 30¾c. per pound; smaller lots, 31¼c. The reduction came in conjunction with the sharp fall in all tartar derivative prices quoted by the domestic producers.

Tartar Emetic—The official schedule lacked quotable change and seemed to be on the steady side in the absence of disturbing competition noted in some other corners of the market.

R.F.Wolf Joins Standard Chemical

Standard Chemical Company, Akron, Ohio, has appointed Ralph F. Wolf to its staff. For the past two years Mr. Wolf has been chief chemist of the Polson Rubber Company, Garrettsville, Ohio. Since March of this year he has also been acting as special consultant to the Rubber Bureau of WPB, on inner-tube problems. Five years ago Mr. Wolf was the director of the Standard Oil Development Company's synthetic-rubber compounding-research laboratory at Elizabeth, N. J.

Monsanto Sets Up Packaging Materials Sales Division

The Monsanto Chemical Company's plastics division, Springfield, Mass., has set up a packaging materials sales department under the direction of R. C. Evans, who will have under him a staff assigned full time to packaging problems.

The company has been active in the packaging field since 1938, the year it introduced "Vuepak," rigid transparent packaging material. During the war, this interest was augmented by the production of heat sealing coatings for metal foil composites, as well as by research efforts directed toward packaging problems in connection with war material.

Trade Briefs

Walter Bender has been elected president of the General Fireproofing Company, Youngstown, Ohio.

American Smelting & Refining Company is building an addition to its plant, located at 4010 East Twenty-sixth street, East Los Angeles, at a cost of $35,000.

Masco Chemical Company, manufacturer of paint and varnish removers, now occupies its newly erected buildings at 58-64 John Hay avenue, Kearny, N. J.

Richardson Agencies, Toronto, has appointed Orlo L. Waugh as sales manager of the Western Division, with headquarters in Toronto. Mr. Waugh is a graduate in mechanical engineering from Syracuse University.

Marinello Oil Distributors Company, New York, has been formed to deal in olive and vegetable oils by Sidney Holtzman, Samuel Witte and Edith Weitz. Attorneys for the corporation are Holtzman & Witte, 152 W. 42nd street, New York.

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Brig. Gen. Charles E. Loucks has been appointed director of research and development for the Chemical Warfare Service.

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Canadian Pest Control Operators to Meet

The Canadian Pest Control Operators Association will hold its annual meeting in the Hotel Windsor, Montreal, February 21.

Trade Briefs

Lehn & Fink Products Corporation, Bloomfield, N. J., has appointed **D. J. Finlayson** general sales manager for the Lehn & Fink division.

Frank H. Pratt, recently released from the armed forces, has rejoined Ciba Pharmaceutical Products, Inc., Summit, N. J., as domestic sales manager.

Ira S. Hurd has been appointed director of textile application of the Warwick Chemical Company with offices at the West Warwick, R. I., plant.

Joseph D. McIntyre, president of Dr. D. Jayne & Son, Inc., Philadelphia, Pa., has been appointed assistant professor in bioassay at Temple University School of Pharmacy, Philadelphia, Pa.

Emerson Drug Company, Baltimore, Md., received a salute for its $660,000 subscription to Victory Bonds from Walter M. Ruth, executive vice-chairman of the Maryland War Finance Committee.

S. B. Penick & Co., botanical drugs and fine chemicals manufacturer, New York, has made a $3,000 grant to the University of North Carolina for the study of therapeutic values of creams containing mixed estrogens from natural sources.

Herbert L. Freet has been named director of advertising and market analysis for the vitamin division of the National Oil Products Company, Harrison, N. J., to succeed Franklin Fader, who has resigned to establish his own advertising and marketing-counsel service in the Griffith building, 605 Broad street, Newark, N. J.

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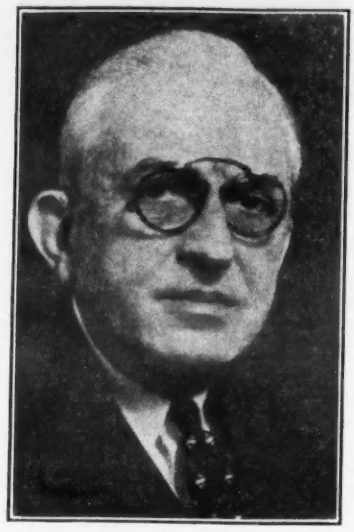

Charles R. Sherman has been elected treasurer of the Sun Chemical Corporation, New York, to succeed Thomas A. Lenci, resigned.

Hill Quits CPA To Join Vick

OPD Washington Bureau

A. C. C. Hill, jr., special assistant to John D. Small, Administrator of the Civilian Production Administration, and formerly vice-chairman of the War Production Board, resigned January 21 to join the Vick Chemical Company in New York.

Mr. Hill's service with the government agencies dates back to 1940, when he became assistant coordinator of national defense purchases. Since then he has served successively with the National Defense Advisory Commission, the Office of Production Management, the Supplies, Priorities and Allocations Board, the War Production Board, and the Civilian Production Administration. Previous to 1940, Mr. Hill spent four years with the Guaranty Trust Company of New York and before that was secretary to the senate committee on commerce.

AMA Favors Prepaid Medical Plan

The American Medical Association has accepted a committee report favoring a nationwide organization of locally sponsored prepayment medical plans. These prepaid medical plans would be similar to individual plans now in operation.

The report, written by the executive committee of the board of trustees and the executive committee of the council on medical service and public relations, was not made public. Spokesmen for the A. M. A. said that only the fundamentals of the report have been agreed upon.

Ciba Pharmaceutical Names Fortiner Production Head

Harold E. Fortiner has been named manager of the production, planning and control department of Ciba Pharmaceutical Products, Inc., Summit, N. J. Neill H. McCallum, has been made assistant production manager.

The company has announced the formation of the Quarter Century Club, of which Sebastiano Terranova became the first charter member. J. J. Brodbeck, president, has been awarded a pin for more than fifteen years' continuous service.

Winthrop Names Sherwood To Special Markets Div.

Dr. Reginald C. Sherwood, recently with the Department of Agriculture, has joined Winthrop Chemical Company, New York, in the newly created post of technical director of the special markets division. Robert S. Whiteside has been promoted to the post of assistant to the director of the division.

Continental Can V.-C. Resigns

Sidney J. Steele has resigned as vice-chairman of the board of directors and as a member of the executive committee of the Continental Can Company, New York. He will continue as a board member.

Monsanto Sends O'Neal To English Subsidiary

Edward A. O'Neal, jr., has been made deputy managing director of Monsanto Chemicals, Ltd., wholly-owned English subsidiary of Monsanto Chemical Company, St. Louis, according to William M. Rand, president of the Monsanto company.

Mr. O'Neal has been succeeded as production manager of the phosphate division by Herbert Weaver. J. Fred Reeves, formerly assistant plant manager, will succeed Mr. Weaver as manager of Monsanto's plant at Anniston, Ala., while at the same time A. T. Beauregard, manager of the company's elemental phosphorus plant at Monsanto, Tenn., will be transferred to St. Louis as special assistant to R. R. Cole, vice-president and general manager of the phosphate division. John L. Christian, formerly assistant plant manager at the Tennessee operations, will succeed Beauregard.

Aluminum Co. to Permit Free Use of Patents

OPD Washington Bureau

The Aluminum Company of America has agreed to grant the government the free use of its patents for the production of aluminum. The company has also agreed to allow the government to license these patents to its competitors acquiring government-owned plants. The announcement of the agreement was made at a press conference by W. Stewart Symington, Surplus Property Administrator, which was also attended by I. W. Wilson, vice-president, and L. E. Hickman, general counsel of Aluminum Company of America.

Seaborg Gets Award For Atomic Bomb Work

Dr. Glenn T. Seaborg received the 1945 Distinguished Service Award of the Chicago Junior Association of Commerce at a dinner in the Hotel Morrison, Chicago, January 17. He was cited for his general contribution to atomic energy research and particularly for his role as codiscoverer of plutonium, element 94, and the still unnamed elements 95 and 96. Plutonium was used in the atomic bomb dropped on Nagasaki.

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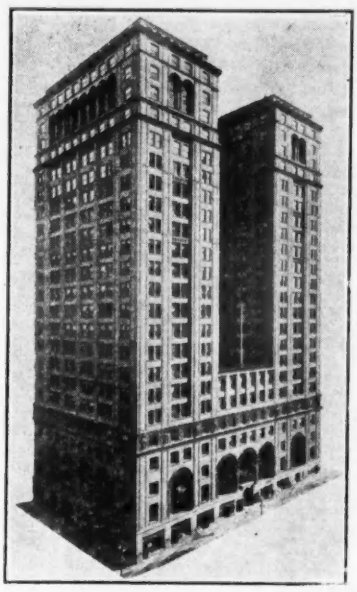

The building at One Pershing Square, 100 East Forty-second street, New York, is now known as the Continental Can Building. The twenty-five story structure, which houses the head office of Continental Can Company, will eventually accommodate other Continental offices now located elsewhere in the city. The change in name followed a new lease agreement between Continental Can Company and the owners, Pershing Square Building Corporation. In due time Continental plans to occupy seven floors and a penthouse.

Benzol Products Aids Hospital Building Fund

The Benzol Products Company has made a $1,500 subscription to the building fund of the Middlesex General Hospital, Middlesex, N. J.

The Benzol Products Company has asked that its subscription be used to memorialize a private room for a child in the east wing of the present hospital's first floor. This unit will be dedicated in memory of two former employees of the company, Steven Joseph Kiraly and Alexander Moryan, who gave their lives in World War II.

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Imperial Chem. Ind. Has Big Expansion Plan

London, Jan. 21, 1946

By far the biggest single scheme of development yet announced by a British company has been intimated this week by Imperial Chemical Industries, Ltd. It involves an expenditure of not less than £10,000,000 over the next five years and is in addition to very comprehensible plans of development in Britain and other countries, by this combine.

Under the scheme a new center will be established at Wilton in Northeast Yorkshire some 3 miles from Middlesborough on the Tyne, center of the coalmining, engineering and shipbuilding country. In this 3,500-acre estate ICI will develop a variety of chemical and oil activities. The large-scale production of heavy organic chemicals from oil or from coal, sulphuric acid, and electrolytic chlorine, caustic soda, and vacuum salt. Other developments will derive from these basic materials, and space is available for the erection of manufacturing units allied to these heavy chemical units.

It is anticipated that some 10,000 people will be employed and the I.C.I. policy of using only the most modern equipment and the most skilled labor and leadership will operate throughout the scheme. The firm indicates that the northern part of the estate will be used for industrial development, while the southern half will be used to house workers, provide playing fields, and a new townlet.

This development links up with the appreciation in Britain that coal is no longer a commodity to be exported at low rates throughout the world. It is rather seen by our experts as offering the most valuable source of many raw materials and finished products which we have failed to exploit in the past but which we must now develop and export. It is argued that the export of raw coal robs the country of one of the most valuable of materials for a great variety of chemical, fuel, and other products which could go far to establish in Britain the industries which will once again permit the revival of British industrial leadership. To export raw coal is to allow other nations the opportunity to use this raw material to produce products which we could produce at home much more readily.

It can be seen that this decision to link up fuel, oil or coal, and to create a vast new industrial area has very definite possibilities, especially when linked with an organization of so far-reaching a nature as Imperial Chemical Industries.

Wallace Names Stancliff To Head Field Operations

OPD Washington Bureau

Evert Lee Stancliff has been made a director of the Office of Field Operations by Secretary of Commerce Henry A. Wallace.

In this capacity Mr. Stancliff will be responsible for the supervision of the activities formerly carried on by the Field Service of the Bureau of Foreign and Domestic Commerce, the field office of the Foreign Economic Administration in New York, and for such field activities of the Smaller War Plants Corporation as are transferred to the Department of Commerce. Joseph A. Mack, who has directed the Field Service of the Bureau of Foreign and Domestic Commerce during recent years, will remain as Mr. Stancliff's deputy.

Liberty Wholesale Drug Receivers Appointed

Judge Sherbrow, sitting in the Circuit Court of Baltimore, last week appointed George J. Lochner and Barrett L. Silver as receivers for the business of the Liberty Wholesale Drug Company, 7-9-11 Balderston street. The receivers were required to give bond in the amount of $10,000.

Flavaroma Labs. Formed

Flavaroma Laboratories, with offices and plant at 1354 east Sixty-first street, Chicago, and Eastern offices and warehouse at 415 Greenwich street, New York, has been formed. Carl F. Meibes has been elected president and Leon Ganford, vice-president and treasurer.

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Botanical Drugs, Spices, Gums

Demand for botanical drugs continued brisk throughout the past week. Orders flowing into the spot market covered a broad band in the total list of botanicals in stock, with the result that botanic drugs occupied a firm price position and moved into consumption free from unusual competition.

Available stocks were conservative enough to keep competition within bounds. Most dealers have well defined notions regarding the value of their stocks now in hand and few are disposed to shade quotations merely for the purpose of getting an additional order on the books. The feeling is that there is a market for everything dealers have in hand and the quotation that does not produce an order today will do so tomorrow. Rarely has independence been greater among the several local dealers.

Of importance to some was the official statement that charges entailed in reconditioning lots of poppy and caraway seed detained by the Food and Drug Administration will be borne by the Department of Agriculture, Kingdom of the Netherlands, Holland. This satisfactory result of an unfortunate situation does not, however, assure that the Dutch government will license further exports.

Russian goods are gradually reaching these shores. During the past week some juniper berries, cantharides, and licorice root reached here from Soviet ports. As yet, the arrivals have not passed into dealers hands. Considerable interest rests in the eventual consumer price to be established on Russian cantharides, which are rated N.F.

Another development in arriving material was the report of 10 cases of cinchona products — which means quinine in some form—and 20 cases of cinchona bark reaching here from Rotterdam. Whether this is from Dutch stores of considerable antiquity, in Holland, or is from goods shipped from Java to Holland since the end of the war is not stated, but it does suggest the resurgence of a trade submerged by Japanese occupation since early in 1942.

Balsams

Peru—Firm but not active beyond a very moderate sized consuming request. Little competition reported locally.

Tolu—Comparatively scarce on spot and not easily obtainable from the primary market where values show substantial strength at all times.

Barks

Cinchona — Political fighting in Java was recognized by Russia last week when she expressed concern regarding the peace of the world for the reason that the British troops are in Java and in conflict with Indonesians. During the week, 20 cases reported to contain bark, arrived from Rotterdam in company with 10 cases of cinchona products—which meant quinine in some form.

Elm—Seasonable demand was reported placing something of a strain on available supplies. Reserves were far from normal, though it seemed likely that home requirements would be supplied without acute scarcity developing.

Orange Peel—Reappearance of Spanish or French peel in ribbon or quarters form is a development which may be delayed by the availability of excellent quantities and qualities of Haitian peel here and in the primary market.

Beans

Calabar—This article was still obtainable only in a future arrival position at 60c. and 65c. per pound. Transport since purchase of the goods in the primary market has been slow.

Vanilla—Everything at this points toward a strong market. Undersupply is almost certain to prevail. Higher prices in primary markets appears inevitable and it could be that those dealers disposed to observe price ceiling limitations might find it impossible to pay primary market prices and still remain "legal" in their sales prices here. Europe will likely take increasingly of the world production, which suggests that the United States will face competition when buying. At the moment, not much in the picture can interest the manufacturing consumer in this country.

Berries

Fish—During the past week, 12 bags arrived from Cochin. It reaches a market poorly stocked with prompt delivery goods.

Juniper—Russia is shipping to this country. During the past week, an arrival of 200 bags from that country was reported locally.

Flowers

Chamomile — Some have virtually withdrawn from spot offerings and reports last week mentioned sales into consumption under competitive conditions at 55c. to 60c. per pound for Hungarian style flowers.

Elder—Very firm. Stocks shrink steadily and replacement operations are at a standstill since supplies available in the country at recent times have been absorbed for the most part.

Lavender — Some mighty ancient lavender flowers of one kind or another are seeking owners in this market. Demand for the already scarce linalyl acetate could arise among those who buy flowers.

Rose—Restoration of spot stocks of red rose flowers has yet to be successful in any broad sence of that idea. Pale flowers were in fair supply but sold poorly last week.

Saffron—The situation as to U.S.P. Spanish flowers has been worked out fairly well. Flowers repacked in domestic-made tins stand around $35 per pound, while flowers in original Spanish lithograph tins bring around $38.

Gums

Arabic—Spot goods continued firm at 12½c. per pound. No further offerings or sales from government surplus stocks were reported since the recent transactions at 8.2c. to 10c. per pound, depending on lot and where sold by government agencies. The shipment price in the primary market would preclude dealers competing with these surplus goods. Demand was routine last week.

Locust Bean—During the past week, 200 bags of this gum reached here from Seville, Spain. The gum came to a spot market reasonably steady and subject to a fair sized demand from day to day. Values recently prevailing were well supported.

Mastic — Communications with the primary market hav been well established. Shippers there have price ideas which are apparently based on a false premise. Exporters on Chios should know that no one here can pay anything like $9.50 per kilo without crossing the street each time they see an agent of the Office of Price Administration. They will do well to bring prices down to a basis from which all desire and inflation has been wrung at the source.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Allspice, Mexican, ½c. per lb.
Celery seed, Indian, ¼c. per lb.
Dillseed, dewhiskered, ½c. per lb.
Marjoram, Chilean, ½c. per lb.

Prices Reduced

Drugs

Ginger root, Cochin, bleached, ¼c. per lb.
unbleached, ⅝c. per lb.

Other Articles

Fennel seed, Argentine, 1c. per lb.
Mustard seed, Montana, oriental, ¼c. per lb.
Sage, Spanish, 1½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
268.6	268.6	258.6	244.0

(For Current Prices see page 9)

For Late Market Developments, see Page 4

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Herbs and Leaves

Henna—Arrivals from Alexandria, Egypt, totaled 116 bags last week. The import failed to dislodge prices from their recently very steady position. Demand from consumers continued to be very well maintained in volume.

Marjoram—Chilean herb on spot was higher at 13½c. to 14c. per pound, while on an afloat basis the price was 12½c. to 13c. Activity was strictly routine throughout the period.

Sage—Spanish leaves were considerably lower at 16c. to 16½c. per pound and sellers seemed anxious to book additional tonnage on that basis. Cyprus sage on the basis of if and when released were still to be had at 24c. to 24½c. per pound.

Thyme—Stocks of Spanish herb increased last week when an arrival of 235 bales was reported on this market. Trade was routine.

Uva Ursi—Spot prices held firm notwithstanding the fact that new additions to available spot supplies totaled 87 bags, reaching here last week from Seville, Spain.

Miscellaneous

Cantharides—Meet four cases of Russian cantharides, the first of that article to reach this country for several years. They came from Russia and have yet to get into dealers' hands that a consumer price on the item may be set. Before the war began the price was 92c. per pound.

Corn Silk—That supply of corn silk bought weeks on end ago in foreign climes has yet to reach the spot market for firm delivery and quotation purposes. The to arrive price remains at 45c. per pound.

Ergot—Holding very firm with some quarters refusing to entertain orders at the minimum of spot quotations at $1.60 per pound. Some important quarters remained clearly aloof from the spot market for the time being.

Lycopodium—Firm at the recent advance but still finding new owners with considerable difficulty since few are the pressing requirements reaching this market at this time. Many wonder how much Poland and Russia may market at the end of the next foreign collection season.

Roots

Aletris—Demand was sufficient to discover that the available supply was very low; some quarters can offer nothing.

Calamus—Russia has come through with a shipment of 14 bales of this root, though whether it is split and peeled, bleached, or just natural root remains to be developed. The arrivals are not yet in dealers' hands.

Jalap—A total of 251 bags of root arrived from Vera Cruz, Mex., last week, but, of the inclusive quantity, 64 bags are destined for ultimate delivery to a buyer in Paris.

Licorice—A jag consisting of 1,080 bales of Russian root reached this market in company with 396 bags of powdered root from Alexandria.

Sarsaparilla—Tampico, Mex., was the source from which came 76 bales of this root reported in a spot arrival last week. The price situation recently cleared in this item and the firm offering of Mexican root at 32c. to 33c. per pound was confirmed.

Seeds

Anise—Chinese star seed recently landed on the Pacific coast is now en route by rail to this market.

Caraway—During the past week, 1,150 bags arrived from Stockholm, Sweden, and Morocco natural seed in future position was down to 45c. to 47c.

Celery—India seed recovered a small fraction more in price, the market ending the week rather quietly at 22½c. to 23c. per pound.

Dill—Dewhiskered seed was higher at 10¼c. to 10¾c. per pound but trading was almost obsolescent since the reappearance of substantial quantities of caraway seed on this market—to the edification of bakers of buns.

Fennel—Argentine seed was down to 27c. to 27½c. per pound unaccompanied by any favorable news concerning the political mess in that country.

Mustard—Some Danish yellow seed was offered afloat at 24½c. to 25c. per pound. Montana oriental yellow was shaded to 10¼c. to 10¾c. News from France was that the government in that country was not issuing any more import licenses for mustard

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(*To be continued*)

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Poppy—The Dutch embassy in Washington has indicated that the Dutch Department of Agriculture will pay for reconditioning the lots of Dutch poppy and caraway seed recently detained by order of the United States Food, Drug and Cosmetic Administration. Danish poppy seed has reached this market in the amount of 3,538 bags from Copenhagen.

Spices

Allspice—Mexican material in future position was priced higher at 16c. to 16½c. per pound.

Ginger—Bleached Cochin root was lower at 17c. to 17½c. per pound, spot, while unbleached was reduced to 16¼c. to 16¾c.

Paprika—Spanish paprika in the amount of 4,000 bags reached this country from Alicante last week.

Pepper—In the previous week it was reported here that Mexican chillies could be bought at 32c. to 32½c. per pound on a future arrival basis. The informant concerning the offering failed to include the statement that 32c. was in bond. The duty-paid price was said to be about 37c.

Markets at Other Centers

Los Angeles, Jan. 23.—Market conditions remained much the same as in previous weeks, with almost all supplies short. Prices were steady.

Marjoram — French type, 35c. per pound in dried form.

Sage—Dalmatian type, 40c. per pound for lots said to contain less than 12 percent stems with the understanding that if the sage exceeds 12 percent the buyer will be credited with the difference. Sage guaranteed to contain less than 5 percent stems was quoted at 65c. per pound. Leucophylla was named at 32c. per pound.

Savory—French type, 75c. per pound.
Sweet Basil—90c. per pound for lots containing less than 12 percent stems.
Thyme—French type, 90c. per pound in dried and clean form.

Dr. Allison Joins So. Research Institute

Dr. Rufus K. Allison, who recently received his Ph.D. in organic chemistry at the University of Virginia, has left the B. F. Goodrich Company, Akron, to join the staff of Southern Research Institute, where he will be engaged in investigations for the citrus industry.

Poppy, Caraway Cleaning At Netherlands Expense

The several lots of Dutch poppy and caraway seeds recently detained by order of the Food and Drug Administration because of contamination of one sort or another will be reconditioned at the expense of the Kingdom of the Netherlands Department of Agriculture, according to a statement made by L. A. H. Peters, member of the Dutch Economic, Financial and Shipping Mission, with headquarters in Washington.

The goods on arrival here did not pass the purity standards of the United States government and their detention gave rise to concern regarding not only delays in making the detained merchandise available to eager buyers for production purposes, but also as to the future of exports from Holland.

Under date of January 12, Mr. Peters wrote the American Spice Trade Association the following letter:—

With regard to the detained lots of poppy seed and caraway seed, I have received notice from my government that the cleaning of these lots will be paid by our Department of Agriculture. I hope that you will inform the interested importers. The instructions to clean should be given after consultation with me, and I intend to ask the Netherlands Government Food Purchasing Bureau in New York to supervise this work.

According to records issued by the Food and Drug Administration, 6,687 bags of poppy seed and 155 bags of caraway seed are thus subject to reconditioning.

What the Netherlands Government may do regarding its issuance of further export permits in Holland remains to be developed. It is the desire of the Food and Drug Administration in this country that foreign countries so prepare their exports that their passing by the F and D A will be certain. It does not think too highly of reconditioning goods after arrival here.

APMA Western Ad And Production Groups to Meet

The Western sections of the sales and advertising committee and the production committee of the American Pharmaceutical Manufacturers Association will hold their meetings in the Palmer house, Chicago, March 22 and 23, respectively.

The annual meeting of the association will be held at Grove Park Inn, Asheville, N. C., May 27 and 29.

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Essential Oils, Other Aromatics

A steady buying interest characterized the market for essential oils and aromatic chemicals last week. While supplies of some oils were decidedly limited, the market was quick to reflect lower prices when supplies were available as evidenced by the larger number of declines than advances. In certain items replacement costs have risen substantially above sellers ceiling prices, and made it unprofitable to do business. Of particular interest was the decline in the price for French lavender oil, which was attributed to the revaluation of the franc. Supplies of lavender have been reaching here in small quantities with more promised in the near future. The arrival of 370 drums of lemongrass oil from Bombay, India, was the first sizable shipment from the Far East in some time, and partially relieved the tight situation prevalent for several weeks.

Since the war ended a large backlog of orders accumulated for aromatic chemicals, and in certain items manufacturers were unable to accelerate production to coincide with the broader inquiry. While for a time raw material was a major problem, this has been eliminated to some extent. The reconversion of machinery and equipment was a slow process, and the labor situation provided many perplexing problems. Coumarin, phenyl ethyl alcohol, vanillin, musk, ambrette and ketone were some of the principal aromatic chemicals that were lagging behind the demand. Sellers were booked far ahead of production, and shipments subjected to delays.

Containers, which have been tight for some time, were not too available. The strike in the glass industry limited supplies of certain types of bottles, while the steel strike further complicated matters as manufacturers were experiencing difficulty obtaining adequate quantities of steel and tin containers. In several instances it was necessary to revise specifications to obtain material.

The trade awaited a ruling on the reclassification of citronella as a compound. The recent shipments were placed in bond pending the outcome of the government's claim that the material contained kerosene, and, as such, would be subject to a tax as a compound. Meanwhile importers and exporters were marking time until the Customs Court hands down a ruling. If the tax is attached to the present price, it would bring quotations above the level of $2 per pound.

Market Trends

Prices Advanced

Geranium oil, Bourbon, 75c. per lb.
Neroli oil, $10 per lb.
Origanum, Spanish, 45c. per lb.

Prices Reduced

Almond oil, sweet, exp., 10c. per lb.
Caraway oil, Dutch, 50c. per lb.
Carvol, $4 per lb.
Cinnamon leaf, 10c. per lb.
Guaiacwood oil, 15c. per lb.
Lavender oil, French, 38-42%, $3 per lb.
Ylang-Ylang oil, $1 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
216.1	222.0	222.2	208.0

(For Current Prices see page 9)

Essential Oils

Almond—The sweet expressed almond oil was obtainable at slightly lower quotation of $1.10 per pound. Supplies were moderate.

Anise—The Russian rectified was available at $4 per pound in sufficient quantities to take care of consumers' needs until spot offerings of Chinese make their appearance. Spot prices, depending on sellers' ceilings, would range from $3.50 to $5.50 per pound.

Bergamot—Stocks appeared adequate to provide for nearby needs until replacements arrive from Italy in the near future. Prices ranged from $8.50 to $10 per pound.

Bois de Rose—Recent arrivals from South America provided the market with spot stocks to take care of reasonable inquiries. Prices ranged from $5,50 to $5.75 per pound.

Caraway—Price for Dutch declined to the basis of $8 per pound, with supplies adequate, while offerings of Russian were limited at $10.50 to $11.50 per pound.

Cassia—Despite recent arrivals from China, spot offerings were limited, with most of the material reported to be going directly into consuming channels. Prices indicated a range of $10.75 to $12 per pound, according to ceiling of the seller.

Cedarwood—It was increasingly difficult to locate any sizable offerings, reflecting the limited production and labor troubles in the Southern producing areas. Prices ruled firm.

Chaulmoogra—Recent arrivals included 5 drums and 89 cases. Interest was routine, and prices held at the 60c. to 65c. level established recently.

Cinnamon—Quotation for the leaf oil were lowered to $1.40 per pound. Prices for Ceylon bark oil ranged from $32.50 to $34.50 per pound. Supplies moderate.

Citronella—Only small quantities were offered as business continued at a standstill awaiting government decision on the reclassification of imports as a compound based on the kerosene content.

Clove—Prices were firm at the lower level established the preceding period, reflecting the lower spice prices. The market position was reported as satisfactory, with supplies ample to meet consumers' needs.

Coriander—The price range continued at $25 to $35 per pound, depending on quality and origin of the material.

Croton—Of interest was the arrival last week of two cases of material, sellers previously were entirely out of spot stocks and quotations were withdrawn.

Eucalyptus — Offerings remained very light in the market as replacements have been negligible from the principal primary source for several months. Quotations ruled firm.

Geranium—Price continued to move upward and the Bourbon was quoted at $17.50 per pound, reflecting the replacement costs and none too plentiful supplies.

Ginger—Supplies and demand were moderate, and prices were maintained at the levels established the preceding week of $12 to $13 per pound.

Guaiacwood—Some offerings were made on spot at $3.10 per pound. The market supplies were entirely adequate to take care of all inquiries.

Lavender—The 38-42 percent ester French flower oil was offered at $13 per pound. The lower price, reflected to some extent the revaluation of the French franc. Small quantities have arrived here, with additional replacements reported on the way.

Lemon—No further information was received regarding the release of surplus government stocks. In the interim, domestic output has been subject to uncertainties because of labor difficulties on the West Coast.

Lemongrass — Arrivals last week amounted to 370 drums from Bombay, India. This represented the first sizable shipment in some time as the result of delays at the primary source. Meanwhile, prices advanced to the basis of $2.75 per pound.

Lignaloe—The Mexican wood oil was offered at $4.95 per pound. Interest was light and stocks only moderate.

Lime—Inquiries were routine in the market for distilled lime, and prices were maintained at the same levels, while offerings of expressed were limited.

Neroli—Price advanced to the basis of $200 per pound. Demand and stocks were light.

Origanum—Prices for the Spanish ranged higher from $2.85 to $3.50 per pound, reflecting higher replacement costs. Stocks limited.

Palmarosa—Spot stocks were depleted, and replacements from the Far East uncertain, with costs upward.

Pennyroyal—Practically all sellers were out of the market in the absence of any domestic or imported replacements.

Peppermint—Stocks were sufficient to supply all regular consumers needs,

For Late Market Developments, See Page 4

and the market was devoid of any new price developments.

Petitgrain — Unfavorable ceiling prices, and higher replacement costs restricted business.

Rosemary—Arrivals last week totaled 11 drums. Spot stocks were not large and offerings reflect the higher replacement costs.

Sage—A firm price tone remained in evidence, while offerings and stocks continued moderate.

Spearmint—Dealings were routine in the market last week. Ceiling price was on the same level as replacement cost.

Vetiver—Prices held at the same levels and market position was firm. Offerings were limited. South American and Haitian material were available.

Wormwood—Business was at a standstill with sellers' ceilings and farmers' asking prices displaying a wide disparity.

Ylang-Ylang—Prices were lower ranging from $8 to $21 per pound, according to quality. Recent arrivals of the Bourbon placed the market in a more favorable position.

Aromatic Chemicals

Anethol—The market position was reported as improved, with supplies sufficient to meet moderate demands. Prices unchanged.

Benzyl Alcohol — Production was adequate to meet consumers' requirements. Prices held firm.

Carvol—Price lowered to the level of $16 per pound. The increased supplies and lower prices for caraway oil were accountable for the reduction.

Citral—Firmness in the market reflected the shortage of raw material and higher prices for lemongrass.

Citronellol—Most sellers withdrew from the market in the absence of any worthwhile supplies of citronella.

Ionone Ketone—Prices held at the levels established the preceding period, with stocks limited.

Linalool—Recent arrivals of bois de rose placed the market in a more favorable position.

Musk—Offerings of xylol were available in moderate quantities, while the ambrette and ketone remain in short supply. Prices firm.

Phenyl Ethyl Alcohol—Production continued below the demand, and shipments were subject to delay. Prices unchanged.

Vanillin—Market position failed to improve materially, as production lagged behind the demand. Shipments remained on an allocated basis. Prices underwent no change.

Washington Talks It Over

—Continued from page 5

Consumers have paid out about one-seventh of their total disposable income for services of marketing food products, or in other words, 13.7 cents of every dollar spent by consumers went to pay the marketing bill on foods and another 9.7 cents found its way back to the farmer. That the marketing is a big business is shown by the fact that in 1939 it is estimated that about 4,000,000 persons were engaged full-time in this operation.

Penicillin Statistics

If some discrepancy has been noted in the figures on penicillin production issued by the United States Tariff Commission and those of the Civilian Production Administration, there is a simple explanation for it. The figures of CPA represent the finished product, the total number of units certified and available for use, while those of the Tariff Commission are on a bulk basis without consideration of losses resulting from the packing or the failure of a batch to meet certification requirements or other happenings that would prevent the penicillin's reaching the market.

There was a difference of over 115,000,000 units in the figures of the two agencies for October.

Firmenich Co. Marks Fiftieth Anniversary

Firmenich & Cie., Swiss producer of the Chuit, Naef line of perfume specialities and aromatic chemicals, celebrated its fiftieth anniversary of the company's founding at its headquarters in Geneva, Switzerland, and at the eighty offices and representatives of the company throughout the world. The company is represented in the United States by Firmenich & Co., 135 Fifth avenue, New York, and also maintains a branch office in Chicago.

Originally known as Chuit, Naef & Cie., the company was organized by Dr. Philip Chuit and Martin Naef in 1895. Dr. Chuit died in 1939, and was succeeded by his nephew, Dr. Roger Firmenich, who now heads the technical and research facilities of the company.

Fred Firmenich joined the firm in 1900 and directed the commercial development of the company until his retirement in 1943, and was succeeded by his brother, Hugo Firmenich and his sons, Andre and Roger, as well as Hugo's sons, Robert, Albert and Dr. Georges Firmenich.

Firmenich affairs in the United States are directed by Rupert C. Watson, a partner of the company, who has been associated with the Chuit, duction in the United States many Naef line practically since its introyears ago.

Fitzgerald Dunning Succeeds Dunning, sr.

Dr. Fitzgerald Dunning has been named president of Hynson, Westcott & Dunning, Inc., pharmaceutical manufacturer, Baltimore. He succeeds his father, Dr. H. A. B. Dunning, who has been made chairman of the board. Dr. H. A. B. Dunning, jr., has been named treasurer, and Dr. A. C. Dunning secretary. Other officers were reelected at the recent annual meeting.

Under the reorganization Dr. H. A. B. Dunning, jr., will serve as director of chemical research, Dr. J. H. Brewer as director of biological research and Dr. W. C. Harden as production manager. Dr. R. D. Reid, formerly of the department of bacteriology in the Johns Hopkins Medical School, who was made a major during the war in the Sanitary Corps of the army, has been added to the staff technical staff of the corporation to undertake research work in his field.

J. H. Irwin, manager of the New York office, has been named sales manager, succeeding L. C. Shepherd, who has held that post for thirty-three years. Mr. Shepherd, who will retire June 1, will be retained as a consultant.

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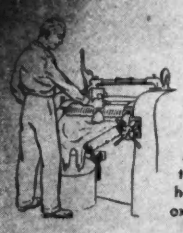

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Protective Coatings Materials

Acting on the theory that it is always darkest just before the dawn, the protective-coatings industry is becoming convinced that, despite the present strike-ridden and generally chaotic state of the building and manufacturing trades which it has counted upon to furnish it with the principal outlets for its products in the peacetime era of prosperity, the opportunities for it to roll up an unprecedentedly large volume of sales and profits still gleam brightly just beyond the fog-like curtain of work stoppages and raw-material shortages which at this time are obscuring this bright prospect.

As to when the much-heralded but now strike-delayed general boom in business will begin is naturally somewhat indefinite, depending as it does upon the time required for settlements of the now crippling labor difficulties but it is certain that it is on its way and should begin to materialize by midyear, at the latest, and quite possibly before the outset of the second quarter of this year.

Meanwhile, the outlook for relief from use-restrictions and shortages of the principal ingredients of paints and varnishes is steadily brightening in several directions. Though the supply of metallic lead allotted to the lead pigment makers is still very limited, and the same is true of the linseed-oil dole, more liberal distribution of titanium dioxide and pigments is now assured and zinc oxides are more readily procurable than for some time past.

Moreover, in at least one instance, the handicapping price-ceiling limitations imposed by the Office of Price Administration on American importers of varnish gums, who have long since been at a disadvantage in bidding for these commodities in the countries of their origin in competition with operators of other nations who are not so hobbled, are now being removed. On and after February 2, American importers of Congo copal gum will be enabled to obtain their quotas of this gum in the Belgian Congo by bidding whatever is necessary to secure their requirements, inasmuch as they will then be freed from the limitations imposed on the prices which they are allowed to offer for it in that country and will be permitted to sell their purchases, when landed here, at prices commensurate with their costs, with ocean-freight rates and import duties also taken into consideration.

Metallic Lead and Zinc

Strikes and shutdowns in some of the lead-silver mines in Mexico are lessening the chances, or at least further retarding the realization of a more liberal allotment of metallic lead to lead pigment makers. as importations of increasingly sizable quantities of this metal from Mexican as well as Canadian and possibly Australian sources have hitherto been regarded as offering the only hope for supplementing the still unsatisfactory domestic production to the extent of relieving the distressingly tight supply situation in this metal sufficiently to permit of an expansion of allocations to the pigment, battery and collapsible tube makers and all other industries requiring it for making their products. Prices of pig lead have continued unchanged for the week January 18-25 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although still far from reaching the peak yields of 1941-1944, domestic production of slab zinc is proving adequate for most current requirements, as it is running well in excess of prewar periods while supplies of zinc ores and concentrates are still reaching sizable proportions. Quotations for zinc slabs have remained unaltered for the week January 18-25 at 8.25c. in East St. Louis and 8.66c. in New York.

Pigments

Iron Oxide—In increasingly keen demand. Arrivals of an aggregate of 888 barrels from Spain are noted.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

(For Current Prices see page 9)

Titanium Dioxide—With the way to greatly increased domestic production now paved by CPA's recent assignment of CC ratings under Priorities Regulation 28 to producers of titanium dioxide, to enable them to acquire materials and equipment for their contemplated expansion of their plant capacities and yields, the outlook for still more liberal distribution of this pigment is growing brighter daily. The three leading companies in this field are planning to increase their capacities for refining ilmenite by 20 percent over current rates and the supply of ilmenite itself is expected to be hugely extended by the newly authorized search by one of these three companies for new ilmenite-bearing sands on the bottom of Albermarle Sound, and virtually all other bodies of water in eastern North Carolina, as far south as the Cape Fear River, as well as by a further stepping-up of mining operations by two of these companies in the vast deposit which they own in the Adirondacks.

Fillers and Extenders

China Clay—A fairly active movement is noted in both imported and domestic materials. An arrival of 120 bags from Spain has been noted within the past week.

Gypsum—Continues in spirited demand. OPA has issued three additional directions to Priorities Regulation 33, to direct the movement of gypsum board and lath, common and face brick and common and face structural tile and concrete block into the reconversion housing program.

Mica—Buying interest is growing keener in both wetground and dryground scrap mica since manufacturers advanced their prices $2.50 per ton on all meshes of the latter and an average of a half-cent per pound on the former to compensate for the increased costs of production.

Dry and Chemical Colors

Carbon Blacks—With the takings of the synthetic rubber tire manufacturers, paint makers and automotive vehicle coatings processors running to such sizable proportions as to outstrip even the hugely increased production of channel blacks and furnace blacks, there has been no further accumulation of channel black stocks within the past week. In fact, inventories of these blacks have begun to shrink again. The demand for the so-called "high color" blacks, in particular, is now far in excess of the current output.

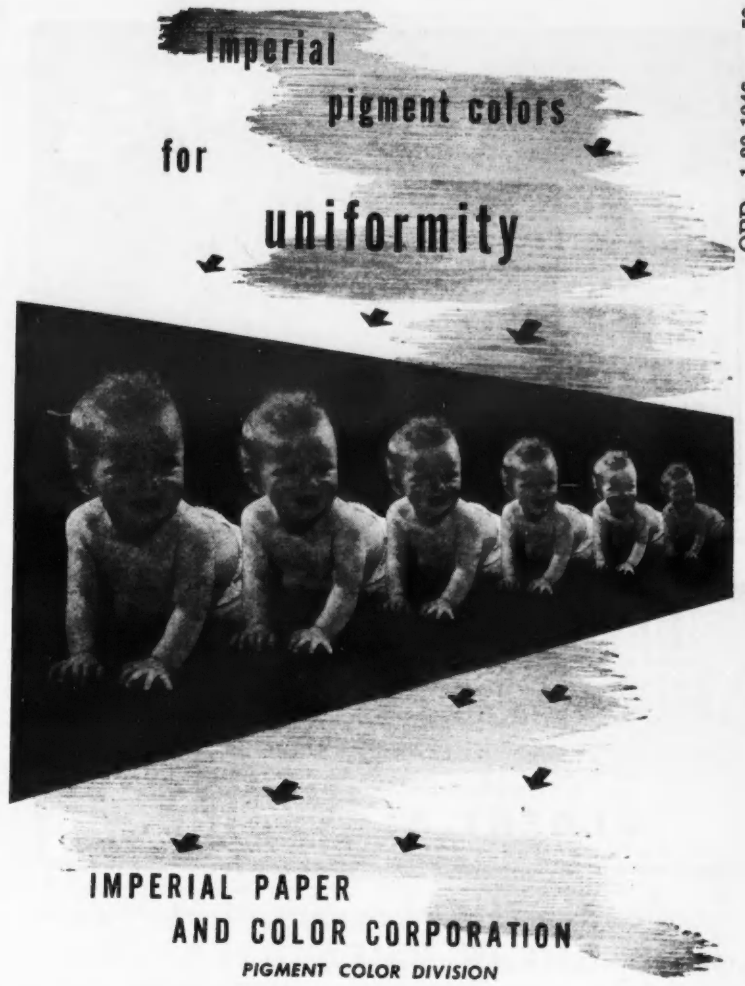
Chrome Colors—Though productiion of most of these color pigments has been mounting slightly of late, with the increasing output of sodium bichromate, the supply situation in virtually all of them is still decidedly tight. Domestic production of chrome green for November is reported as having amounted to 1,493,000 pounds, as compared with 1,221,000 pounds for October, while the output of chrome yellow and orange is recorded as amounting for that month to 4,773,000 pounds, against 4,680,000 pounds for October.

Driers and Flatteners

Naphthenates—With sufficiently liberal supplies of naphthenic acid again available to them, manufacturers of all the metal naphthenates are able to meet the unabatedly large requirements of the paint and varnish makers who turned back avidly to these driers as soon as the war-tightened allocation control was removed.

Stearates—Sizable purchases continue to be made in these flattening agents, but, although small-capacity plants are now booked up to their

For Late Market Developments, See Page 4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limits, the larger manufacturers are still able to accept and fill new orders.

Lacquer Materials

Acetone—Coincident with a further waning of domestic demand, there has been a notable resurgence of export inquiry, with takings for out-of-the-country shipments mounting daily of late. Supplies continue adequate for all requirements.

Cellulose Acetate—Still in keen demand. The Department of Agriculture is currently offering from surplus materials 142,240 pounds of chemical cotton pulp packed in bales and located in Chattanooga, Tenn.

Naval Stores

Dipentene—Stocks of this material are nearing exhaustion, with the current output going largely to the synthetic-rubber industry as a solvent.

Pine Oil—Also continues in slim supply, with no prospect for noticeable improvement for some time to come.

Rosin—Only a moderate buying movement now characterizes the rosin industry in the Southern markets. Even if the demand were not of seasonally light proportions, the volume of purchasing could not be greatly amplified as long as the restrictive regulation, known as order M-387, remains in force. Under the provisions of this regulation, however, gum rosin can be supplied in sufficient quantities to meet the permissible enduse requirements and available stocks should prove more than adequate for this purpose until the new crop season opens. And, while a lifting of the restrictions imposed by M-387, presumably on or about April 1, will undoubtedly let loose a flood of hitherto unsatisfied demands, this can probably be taken care of by the expected heavy increase in gum rosin productive operations at the outset of the new season and by the contemplated enormous amplifications of the wood-rosin output as the new plant capacities get under way with their greatly stepped-up yields.

Savannah, Feb. 1.—Following is a record of the market for the week:—

	Price per unit — Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.23	7.23	7.23	7.23	7.23
WW	7.50	7.50	7.50	7.50	7.50
X	7.50	7.50	7.50	7.50	7.50

	Drums				
Sales	30	...	...	...	...
Receipts	107	179	...	5	21
Shipments	...	...	...	203	...
Stocks	6,717	6,896	6,896	6,698	7,719

Turpentine—The recent imposition of price ceilings on gum turpentine by the Office of Price Administration has not changed the market picture for this commodity, inasmuch as it had long since been anticipated. As OPA itself has pointed out, the ceiling level of 83½ cents per gallon for the producers corresponds with the present approximate selling price and, although this is slightly above the CCC parity price, the difference is not more than enough to furnish some leeway in the event that this parity is later modified. Although CCC stocks can no longer be counted upon to furnish a reserve factor in the situation, having been reduced to approximately 40,000 gallons at Jacksonville and less than 100,000 gallons at Valdosta, there is a slightly more ample supply coming to market from producers who had heretofore been holding back their output in the unwarranted hope of realizing still higher prices. But the supply situation is still decidedly tight and not likely to be materially improved until the beginning of the new crop season.

The supply picture of steam-distilled turpentine continues to exhibit increasing tension, with little likelihood of any easing until the new wood naval stores plants get into full operation.

Savannah, Feb. 1.—Following is a record of the market for the week:—

	Bulk gallons — Cents	Sales	Barrels — Receipts	Shipments	On hand
Monday	83½	...	9	151	3,838
Tuesday	83½	...	34	85	3,787
Wednesday	83½	...	...	...	3,787
Thursday	83½	...	...	...	3,787
Friday	83½	...	...	95	3,692

Synthetic Resins

Ester Gum—Continues in keen demand but light supply, because of the shortage of both gum and wood rosins and the high cost of glycerin.

Phenolic Resins—Although now free from allocation control, immediately available supplies of these resins are still far from plentiful. And current production shows little indication of increasing to the extent required by consumers. The Department of Com-

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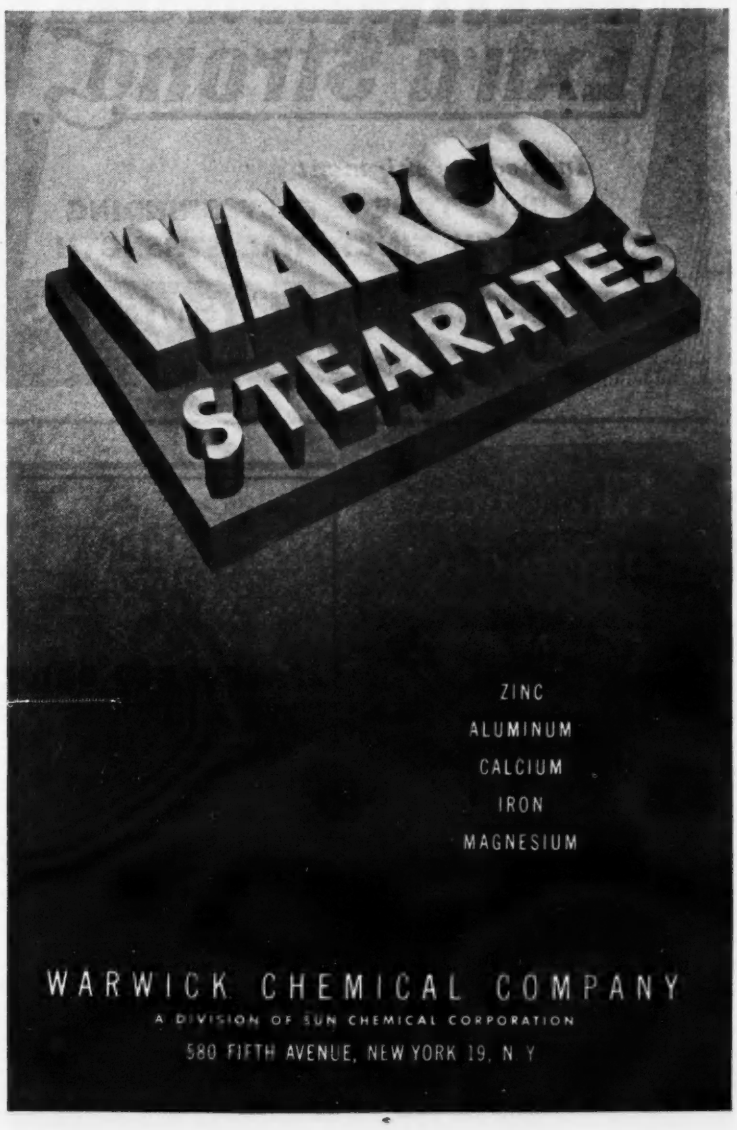

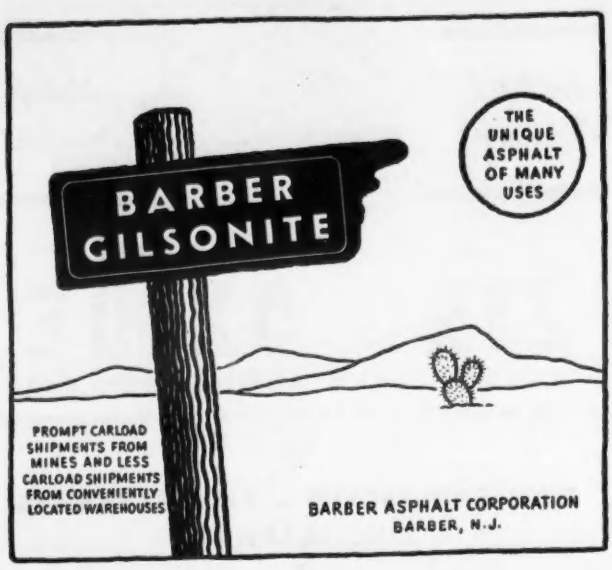
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merce and Census Bureau report shipments and consumption of the molding materials consisting of phenolic and other tar acid resins for last November as having aggregated 9,613,359 pounds, compared with 10,855,503 pounds for October, 1945.

Varnish Gums

Copal—The long-sought-for opportunity to compete successfully with foreign buyers in the Belgian Congo for the available supplies of Congo copal gum is at length to be given to the American importers of this natural resin who have long since been laboring under the disadvantage of having fixed ceiling limitations on the prices which they have been permitted to bid for them in the country of their origin while operators from other nations were free to bid higher, as they were not subject to any such handicap.

In response to repeated petitions by the American importers, the Office of Price Administration is to issue, January 28, an order, effective February 2, which will open the way for them to bid for this gum as it is offered in the Belgian Congo market, at price levels which will assure securing their quota of these offerings, by suspending their hitherto hobbling dollar-and-cents price ceilings in this primary market. The procedure which OPA is following to accomplish this eminently desirable result consists of placing Congo copal gum under the provisions of the general imports price ceiling regulation, after removing these primary market price ceilings. This regulation ceils the prices at landed costs, plus the historical markups, and thus permits the price to move up or down in accordance with the prices importers are compelled to pay for the materials abroad.

Shellac—With no offers yet being made from India, the outlook for a building-up of American supplies of seedlac, T.N. and superfine lac, urgently needed to amplify bleaching operations, continues far from bright. The only recent arrival of shellac at this port has consisted of 350 bags of seedlac and 300 bags of garnet lac. Supplies of lemon and other pale grades available here continue moderate-sized but the demand for these is slight compared with that for the bleached grades.

Glues and Binders

Casein—Belated arrivals of three cargoes of Argentine casein, aggregating 18,060 bags and weighing approximately 1,986,600 pounds or about 993 tons, bought by American importers in the primary market early last December, before prices asked in Buenos Aires were advanced wildly to the present prohibitive levels, far above the OPA ceiling prices, have been recorded here within the past week. But, aside from these arrivals there have been no developments of importance in the casein industry. The demand has continued clamorous and for the most part unsatisfied.

Glues—Makers of bone glues from foreign raw materials are much pleased with the recent rulings of OPA, granting them substantial increases in prices when their glues are made wholly or in part from these imported raw materials, along the lines previously laid down for manufacturers of hide glues using similarly foreign materials. But the entire animal glue industry is greatly perturbed by the labor troubles and work stoppage at the packing houses which, unless these enterprises are taken over Saturday by the U. S. army and operated by the Department of Agriculture, as now scheduled, or are meanwhile settled by arbitration, are well calculated to demoralize the market for an indefinite period.

Paint, Varnish Course At Mich. University

The chemical and metallurgical engineering department of the University of Michigan has announced the inauguration of a senior undergraduate and graduate course in paint, varnish and lacquer. The purpose of the new course at Michigan is to give interested students sufficient training in the fundamentals of paint, varnish and lacquer production that they may qualify, depending upon their personality and native abilities, either for the raw materials or control laboratory; for the research department; for production; for technical service, or for technical sales.

Nat'l Atlantic Research Resin Unit Chartered

The Delaware Resin Chemicals Corporation has been chartered in Delaware as the operator of the resin plant being constructed in Wilmington by the National Atlantic Research Corporation, Newton Center, Mass. The directors of the new company are Gordan Urquhart, Wynnewood, Pa., who is president of the Wilmington Chemical Corporation; Anton Besterbreurtje, New York, vice-president in charge of production of the Wilmington Chemical Corporation; F. C. Atwood, Newtonville, Mass., president of the National Atlantic Research Corporation, and Edwin S. Dwelly, South Duxbury, Mass., executive vice-president of the National Atlantic Research Corporation.

The directors, meeting January 17, elected officers as follows:—President, Gordon Urquhart; vice-president and treasurer, Anton Besterbreurtje; vice-president in charge of development, F. C. Atwood; vice-president, Edwin S. Dwelly.

Headquarters of the company will be located in Wilmington, and all production and other business transactions will be handled there. Shipments of finished resins are expected to start shortly.

Hercules Offers 'Cellolyn 102'

A new economical lacquer resin, 'Cellolyn 102,' to be used in place of rosin maleates with superior results in some characteristics, is now available from synthetics department of the Hercules Powder Company, Wilmington.

Old Colony Paint & Chemical Company will construct a one-story frame and stucco warehouse at 620 Lamar street, Los Angeles, Calif.

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Petroleum Derivatives

The readjustment pains of the petroleum industry, incident to the realignment of its anatomy, dislocated by the exigencies of war, to the greatly altered requirements of peacetime, continue to be felt in several directions. And new complications of this industry's disorders, relieved in many instances only to be intensified in others, have been created by the strike of the CIO union steel operatives and the consequent stoppage of work in this basic and highly important industry which has hurled a monkeywrench into the nation's general reconversion program machinery.

For, as the rapidly revolving wheels of the steel industry have been suddenly halted, production by the vast majority of the iron and steel making plants of the primary derivatives of coaltar—benzol, xylol and toluol—has also ceased, throwing the burden of supplying these salient solvent materials upon the manufacturers of xylol and toluol made from petroleum who are becoming doubtful of their ability to continue indefinitely to meet these hugely increased calls for their products.

As an added incentive for refiners to make more heating oils and less gasoline from crude petroleum, the Office of Price Administration, in response to repeated urgings by the Petroleum Administration for War and the national refinery industry advisory committee has authorized a further increase in prices of Nos. 2, 3 and 4 distillate fuel oils to the extent of 0.3c. per gallon on the Atlantic Seaboard and Gulf areas and has extended to West Virginia and the western parts of New York State and Pennsylvania the half-cent increase allowed on all types of heating oils in the Eastern States on December 19.

This new boost in the prices of these distillate fuel oils, which is to be effective until April 30, is an extension and revision of last month's action, at which time OPA allowed increases of a half-cent per gallon on kerosene, range oil and No. 1 fuel oils and of 0.2c. per gallon on Nos. 2, 3 and 4 distillate fuel oils in the Eastern Seabord and Gulf areas except for West Virginia and parts of New York and Pennsylvania covered by this latest action.

Solvents and Diluents

Aromatic Solvents — With the demand for high-solvency aromatic naphthas continuing at a moderate pace, processors of these xylol and toluol-based materials are finding themselves confronted by the problem as to how long they can depend upon their erstwhile sources of these materials to keep them adequately supplied with petroleum xylol and toluol, now that former consumers of coaltar xylol and toluol are being forced by the steel strike and a consequent shutdown of the steel companies' coaltar recovery coking ovens to have recourse to the kinds made from petroleum.

Cleaners' Naphtha—Continues to be purchased in fair-sized lots on civilian account, but only on a small scale by military procurement agencies.

Lacquer Diluent—Still in good inquiry by paint and varnish makers, but with actual purchasing operations lighter than for some time past.

Mineral Spirit—Moving in moderate volume into consuming channels.

Rubber Spirit — Manufacturers of synthetic rubber continue to absorb virtually the entire output of this solvent.

Stoddard Solvent—Civilian account buying is now far outstripping that on military scores.

V. M. & P. Naphtha—Buying interest continues alive, but rather slim on the part of paint and varnish makers.

Markets at Other Centers

Chicago, Feb. 1.—Despite some increase in offerings of certain grades of the petroleum solvents and diluents, the tone of the market for most grades is holding firm, with the demand still good and some buyers apparently unable to obtain all of the exact grades of material they desire.

Los Angeles, Feb. 1.—Good demand and liberal offerings of everything in the list of solvents and diluents save rubber solvent continue to make the market for these materials active on the Pacific coast. Prices firm.

Market Trends

Prices Advanced

Fuel oil, Eastern seaboard and Gulf, Nos. 2, 3 and 4 distillate, 0.3c. per gal.

Prices Reduced

Gasoline, 73-75 oct., Pennsylvania, upper field, ¼c. per gal.; all grades, in eleven Midwest States, 3/10c. per gal.; all grades, in the Carolinas and parts of Tennessee, Virginia and West Virginia, up to 1¼c. per gal.

Lighter Fractions

Butane—Continues in steadily improving but not yet overheavy supply, with stocks and current output proving sufficient for most of the current requirements of synthetic rubber makers and those who employ this liquefied gas in home heating and cooking and for the generation of intense heat in certain industrial processes as well as for meeting the fast-diminishing needs of high-octane aviation gasoline.

Propane—Conditions almost exactly similar to those noted above as prevailing in butane also characterize the market for this liquefied petroleum gas.

Markets at Other Centers

Chicago, Feb. 1.—Tone in this group of solvents continues firm, with demand still tending to overtop supply in most grades of material. Offerings thus are limited.

Los Angeles, Feb. 1.—Propane and butane have continued in good demand on the Pacific coast this past week. Supplies in this area are sizable. Market tone is firm.

Petrolatums and Waxes

Microcrystalline Waxes — Buying movement in these petroleum waxes continues spirited under the leadership of standard process types, with suppliers experiencing some difficulty in meeting all requirements.

Paraffin — Unslackening purchasing for domestic consumption and export accounts continues to keep the market nearly bare of stocks of both crude scale and refined grades, with productive plant capacities still hopelessly below the combined requirements.

Petrolatums — Producers of petroleum jelly are still being kept extremely busy filling orders for U.S.P., veterinarian and technical grades, for all of which prices are being well maintained.

White Mineral Oils—Continue in brisk demand with prices firmly held on both U.S.P. and technical types.

Fuels and Lubricants

Crude Petroleum — The average daily rate of crude oil production has shown a further gain of 35,200 barrels to 4,605,950 barrels for the week ended January 19. Crude oil runs to the refineries in that same week rose from 4,498,000 barrels to 4,627,000 barrels.

Fuel Oil—By authorizing additional increases in prices of Nos. 2, 3 and 4 distillate fuel oils in the Eastern Seaboard and Gulf areas, amounting to 0.3c. per gallon, OPA has brought the overall advance in prices of these distillate oils to a half-cent per gallon which it had allowed for kerosene, range oil and No. 1 fuel oil on December 19, last, when it granted an increase of 0.2c. for Nos. 2, 3 and 4. Thus, effective January 24 and effective and effective until April 30, there is a uniform markup of a half-cent per gallon on kerosene, range oil No. 1 fuel oil and Nos. 2, 3 and 4 distillate fuel oils, including diesel and gas oil.

Gasoline — Increased efficiency in production and reduced transportation costs—not a superfluity of stocks and output—are given as the reasons for sharp cuts in all wholesale prices of gasoline by Standard Oil Company of New Jersey in North and South Carolina and in certain areas of Tennessee, Virginia and West Virginia. These reductions in wholesale prices, which range from a fifth of a cent (0.2c.) to 1.4 cents per gallon, have been made effective January 23 and have been followed by corresponding lowerings of prices in these same regions by the other major petroleum refinery companies.

The lower transportation costs reported by the Standard Oil of New Jersey were said to have resulted from the use of the war-built Plantation pipeline (from Baton Rouge to Norfolk, Va.) which that company said it was now able to pass on to consumers.

Previously, one refiner in the upper field of Western Pennsylvania cut his price for 73-75 octane gasoline by a quarter cent to 7½c. And in the Midwest area several refiners, who had not hitherto shaded their prices, reduced their quotations an eighth cent to 6⅜c. for 78-80 octane, 5½c. for 73-75 octane and 4¾c. for 60 octane and below.

Nationwide stocks of gasoline during the week ended January 19 crossed the 100,000,000-barrel mark for the first time in more than three years, rising 1,511,000 barrels for the week to a new seasonal high level at 100,778,000 barrels, compared with 89,670,000 barrels a year ago. There is storage space for only 20 percent more than this peacetime high record.

Pratt Succeeds Kunze In Socony-Vacuum Post

Retirement Charles H. Kunze and appointment of Frederic R. Pratt to succeed him as general manager of the marine transportation department has been announced by the Socony-Vacuum Oil Company, Inc.

For Late Market Developments, See Page 4

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Oils, Fats, and Waxes

Tight supply situation in oils and fats became tighter, following the shutdown of packinghouse plants by labor strikes during the past week. Production of tallow, grease and other byproducts were steadily increasing of late and were close to normal before the strike went into effect a week ago. This, combined with the existing overall scarcity of oils and fats placed users in a distressing situation. The Department of Agriculture was scheduled to take over the meat packers' plants, January 26. It was pointed out, that unless production of these materials was shortly resumed, the output of soap and other products would necessarily become curtailed.

Production of corn oil has already been reduced by the labor troubles. Other edible oils were also in limited supply, and were in active request against allocations.

The situation in drying oils also has become more stringent. Stocks of oiticica oil were sharply reduced by the active buying in the past ten days, while dehydrated castor, linseed and tung oils were practically unavailable, except in limited quantities against former contracts.

Conditions in the carnauba wax market were strengthened in Brazil by an active consuming demand and the absorption of stocks available at lower quotations established a week ago. Offerings were scarcer during the week, and under brisk bidding by buyers, prices were sharply advanced, though the volume of business was said to be restricted. Offerings on the spot were more liberal, but mainly for small lots at higher quotations.

Cottonseed Oil

With production of crude oil absorbed as fast as available trading was limited to a few cars during the week, mainly for immediate shipment. Offerings for nearby and forward delivery continued scarce. Edible grades were moving in good volume on allocation.

Bleachable oil prices follow:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	....	....	14.31 bid
May	....	....	14.31 bid
July	....	....	14.20 bid
September	....	....	14.00 bid
October	....	....	14.00 bid
December	....	....	14.00 bid

Total sales, none.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Memphis, Jan. 24.—Cottonseed oil and meal continued in urgent demand. Trading limited. Considerable cotton still in fields in this section.

Linseed Oil

Recent reports of damage to the flaxseed crop in the Argentine were substantiated by the government's second official forecast which estimated the crop at 39,500,000 bushels, compared with the first forecast of 55,157,000 bushels, denoting a decrease of 15,567,000 bushels. Final production totaled 30,984,000 bushels last year and 61,929,000 bushels in 1944.

Canadian flaxseed crop was estimated at 7,593,000 bushels by the third official forecast against 7,423,000 bushels, the second estimate, and the final production of 9,668,000 bushels in 1944.

There was no change in the tight supply condition in the oil market. Crushers were not accepting new business, and were slowly reducing their heavy backlog of orders. Arrivals of Canadian flaxseed at New York totaled 66,590 bushels during the past week.

Minneapolis, Jan. 24.—Demand for oil continued far in excess of supplies and crushers were in no position to make firm forward sales, in view of their heavy bookings. Production levels continued high, most mills at 100 percent of capacity, but it was not expected that this pace would be held.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	5,520,000	4,800,000
Since Sept. 1	138,226,000	126,040,000

Los Angeles, Jan. 23.—Linseed oil here this week was scarce and firm. Oil was quoted at 14.5c. per pound in tankcars, and 14.9c., drums, carlots.

Flaxseed—Seed receipts show steady decline. Crushers bidding at ceilings for all positions.

Minneapolis, Jan. 24.—Crusher fears of short flax supplies from producing areas were being all too rapidly realized as weekly receipts continued to drop. Many flax producers, ever hopeful of obtaining more money, were holding on to supplies in order to participate in the 1946 subsidy price.

	Receipts 1945-46		Shipments 1944-45	
This week	70,500	36,000	7,500	25,000
Since Sept. 1	16,681,500	8,998,000	3,292,000	1,376,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, Jan. 25.—No flaxseed shipments were made during the past week. Visible supply of seed was reported at 3,937,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b. steamer.

Hull, Jan. 25.—Bombay, £40½, January-February; Calcutta, £35½, January-February; La Plata not quoted.

Other Vegetable Oils

Castor Dehydrated—Production was sold well ahead and producers were making deliveries against former orders on an open-billing arrangement pending the announcement of an increase in price ceilings by OPA. Buying interest continued urgent, but makers were not in a position to accept numerous new orders.

Corn—Production was curtailed by the strike at the plants of a leading manufacturer. Offerings were scarce and the output was moving steadily against former contracts.

Oiticica—Consuming inquiry was extensive, for liquid for immediate delivery, but business was light because of the scarcity of stocks. Interest in forward deliveries has broadened and sales were reported of several hundred tons for March-May shipment at 23c. per pound, drums, f.o.b. Brazil.

Olive—It was reported that negotiations were being discussed by government officials for the exchange of edible olive oil from Greece, which has a large crop and an export surplus, for soybean oil, pound for pound. Announcement of the terms will probably be made within the next thirty days. Demand for oil continued urgent, but the market was bare of supplies.

Peanut—No trading was reported last week, although bids held firm at the ceiling. Current production is barely sufficient to take care of previous commitments.

Soybean—Offerings of crude and refined oil were light. Production was sold well ahead. Sales were scattered at ceilings.

Tung—An unsatisfied demand continued for domestic and foreign oil. Consumers showed keen interest for prompt and forward delivery. Domestic oil was sold up and unavailable and offerings from China were scanty and uncertain as to time of delivery. Market was firm at ceilings.

Fats and Greases

Grease—Trading was at a standstill owing to the packinghouse strike. Market was firm at ceilings. Demand continued urgent, with many orders unfilled. Department of Agriculture was scheduled to take over the meat-packing industry, January 26.

Lard—Market was affected by the strike at packinghouse plants. Inquiry was keen. Prices remain firm at ceilings.

Tallow—With packers shut down by the strike, business was at a standstill. Reports from Washington stated that the packers' plants would be taken over by the Department of Agriculture, January 26.

Market Trends

Prices Advanced

Oiticica oil, ¼c. per lb., carlots.
Wax, Candelilla, 3c. to 5c. per lb.
Carnauba, 10c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	193.3

(For Current Prices see page 9)

For Late Market Developments, See Page 4

Animal Oils

Degras—Conditions in this market continued firm. Deliveries against contracts were in good request. Supplies were reported low. Prices were unchanged and steady.

Grease Oil—Scarcity of all grades keeping this market firm. Prices were held at ceilings.

Neatsfoot Oil—Supplies were firmly held at ceilings. Trading was moderate and mainly for small quantities.

Oleo—Oil market was quiet, but firm at ceilings. Supplies continued light.

Fish Oils

Menhaden—Consuming inquiry was active. Supplies of refined grades were light and held for delivery against former orders. Menhaden fishing off North Carolina was reported practically closed for the season. Demand for crude was in good request and bids at ceilings were not accepted.

Baltimore, Jan. 23.—Reports from the menhaden fishing fleet operating off the North Carolina coast tell of poor catches, largely the result of unfavorable weather. The vessels have been encouraged to go on with their efforts by signs of the presence of the fish, but fair catches have been effected only at short intervals. Meanwhile the demand for oil has continued very good, with potential buyers willing to enter into further agreements on a when-and-if-made basis. Crude oil remains firm at 8.9c. per pound, f.o.b. works.

Sardine — This market was firm, though trading was quiet, owing to the scarcity of both crude and refined grades. Producers of crude were not offering, with refiners bidding at ceilings.

Los Angeles, Jan. 23. — Bad weather again last week swept the Pacific coast, resulting in poor fishing. Oil remains scarce. California Sardine Products Institute reported 364,494 tons of sardines landed this season to January 12, against 521,137 tons a year ago.

Fatty Acids

Red Oil—Demand against contracts were in active request. Inquiry continued keen. New business was restricted owing to the sold-up production and the difficulty of obtaining basic materials. Quotations were firm at ceilings.

Stearic Acid—Trading was limited owing to the sold-up production. Demand was urgent. Market continued firm at ceilings.

Cottonseed Cake and Meal

Cottonseed Meal — Overall feed shortage likely to continue for some time. It is extremely difficult to see how mills will have any surplus to distribute among their regular feed and fertilizer customers.

Atlanta, Jan. 24.—One of the most important developments last week was the government order which re-established limitations on the use of oilseed meals. As far as Georgia is concerned, it is doubtful whether WFO 9 will provide any material relief because feed and fertilizer mixers have not been able to acquire anything like the tonnage they received during corresponding period last year. The situation can only be improved by increased shipments of soybean meal from Western processors, and there appears little hope of this. Stocks of cottonseed meal on hand at Georgia mills January 1 totaled 6,160 tons, as compared with 10,395 tons a year ago. Seed stocks amounted to 81,278 tons, as compared with 120,892 a year ago. Estimated seed yet to be received is 25,000 tons, as compared with actual receipts of 43,000 during same period last year. Production of cottonseed meal in Georgia will be approximately 45,000 tons less than last season.

Linseed Meal — Demand continued to exceed supplies. Offerings were scarce.

Minneapolis, Jan. 24.—Demand for meal was still far in excess of mills' ability to produce and buyers were working every angle in an attempt to obtain more meal. Meal is a precious item in the feed and grain "barter" that has reached peak proportions in the feeding belt, and all dealers are anxious to obtain supplies.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week.....	7,620,000	6,606,000
Since Sept. 1.....	208,720,000	179,050,000

Peanut Meal—There is a marked decrease in the production of peanut meal and there are no offerings whatever in the market. Nearly all peanuts are being shelled for the edible trade, regardless of quality or condition.

Soybean Meal—Two more Georgia mills will start producing within the next two weeks. One has 200 tons beans to crush and the other 250 tons. This was all the beans they could acquire from an original allotment of 2,250 tons. The meal was readily absorbed by the feed trade at jobbers' ceiling of $48.75 basis, Decatur, Ill.

Waxes

Beeswax—Business was moderate and mainly for prompt needs. Supplies were more liberal and adequate to cover the demand. Prices were unchanged. Arrivals totaled 1,105 bags and 228 blocks during the week.

Candelilla—Further advances were noted during the week, in sympathy with the higher market in Mexico. Offerings for shipment were limited. Stocks on the spot were boosted 3c. to 5c. per pound, to 65c. to 67c. per pound. in bags, as to seller and quantity.

Carnauba — Prices were again boosted, some 10c. per pound during week, following the absorption of "cheap" lots for shipment from Brazil ten days ago. Buying interest increased and higher bids were turned down. It was stated that bids of $1.15 per pound for No. 3, North Country and at $1.35 per pound, for No. 1, yellow were refused for January-February shipment from Brazil. Imports totaled 147 bags for delivery on former orders. Indications point to a favorable carnauba wax crop in Ceara, Brazil. The first cutting took place between August 15 and October 15 and the second runs from November 25 to January 25. Unless the rainy season arrives early, results are expected to be excellent and a total yield of slightly more than 11,000 metric tons for the entire producing area is anticipated.

Ouricury—Scarcity of offerings and the strength in carnauba were reflected in this market. Trading was light and spasmodic. Prices were firm and quoted at 85c. to 90c. per pound, f.o.b. Brazil. Arrivals were noted at 465 bags against former contracts during the week.

Havens with Calco

F. B. Havens has been added to the technical service staff of the pigment department of Calco Chemical Division of the American Cyanamid Company, Newark, N. J. He was formerly vice-president and chief chemist of the Prince Manufacturing Company, Bowmanstown, Pa.

DARLING'S
PEARL-STEARIC
A FREE-FLOWING STEARIC ACID IN BEAD FORM
•
Measures, Weighs, Mixes and Melts Quickly
Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty Acids for Rubber Compounding
DARLING & COMPANY Manufacturers
42nd & S. Ashland Ave., Chicago 9, Ill.
OPD—1-28-1946 65

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E 1 Syracuse, N.Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

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BEESWAX
MICRO-CRYSTALLINE PETROLEUM WAXES
CERESINE - - OZOKERITE
SPECIAL WAX BLENDS
Office and Refinery: SAYVILLE, N. Y. Phone: Sayville 400

QUALITY SERVICE
Manufacturers Since 1837
DISTILLED
STEARIC ACID
Single, Double and Triple Pressed
Cake, Flake and Powdered
DISTILLED
OLEIC ACID
(Red Oil)
Light Color, Various Titres,
Barrels, Drums and Tankcars
WHITE OLEINE
U. S. P. Specifications Guaranteed
88% SAPONIFICATION
CRUDE GLYCERIN
TALLOW FATTY ACIDS
CONCEDED HIGHEST QUALITIES
A. GROSS & CO.
Sales Office: 295 Madison Avenue, New York 17, N. Y.
FACTORY: NEWARK, N. J.
ASHland 4-8250 Cable: Grossray

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.
SPECIFY TL BRAND
BEESWAX
THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

CROWN WAX 1035
(AMERICAN OZOKERITE)
Melting Point ASTM 195-200° F.
Penetration 100 Grams ½ to 2. Color 3 to 3½ N. P. A.
PETROLITE CORPORATION, LTD.
— WAX DIVISION —
Refinery: Kilgore, Texas
Sales Office: 29 Broadway, New York 6, N. Y.

NOW AVAILABLE
IN
LIMITED QUANTITIES

LAURIC ACID
MYRISTIC ACID
CAPRYLIC ACID
CAPRIC ACID

ALL 90% OR BETTER IN PURITY

To our friends able to obtain government approval we can furnish limited quantities of the above products.

In addition to our regular items of crude and refined coconut oil in drum and tank-car lots, we now proudly offer these coconut oil fatty acids, product of half a century of experience and research.

EL DORADO
OIL WORKS
311 CALIFORNIA STREET, SAN FRANCISCO, CALIF.

100% Pure Amorphous

Refined Mineral

OZOKERITE
UTAHWAX
TRADE MARK

Actual photo of mined ore

THE ONLY GEOLOGICALLY POLYMERIZED MINERAL WAX OBTAINABLE IN THE U. S.

This is not a crude petroleum-base derivative but is mined from the only producing mine in the world and is specially refined to produce maximum toughness, hardness, melting point, oil absorption and high gloss as opposed to the soft and greasy characteristic commonly associated with Ozokerite even of high melting point.

This range of qualities in Ozokerite Utahwax furnishes satisfactory simplified formulations without incorporating expensive waxes.

Melting points 172° — 183° — 190° F.
Penetration 1/2 to 1 1/2.

Formulations available for shoe polish and carbon papers. Technical information for other suitable uses on request.

Commercial quantities for prompt delivery available for the present ***in black only***.

Sole Owner & Distributor OZOKERITE MINING CO. Grand Rapids 2, Michigan, U.S.A.

Current Prices

—*Continued from page 29*

Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.16 -	—
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c., Miss., N. C., S. C., Tenn., Tex. (Dallas), 1½c.; Ft. Worth, 1½c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls.	lb.	.09 -	.11
Hansa, bbls., same basis as chrome	lb.	1.37 -	—
primrose, bbls., same basis	lb.	1.75 -	—
Mercury oxide, bbls., 1,000 lbs.	lb.	2.43 -	—
smaller lots	lb.	2.45 -	—
Ocher American, golden, bbls., works	lb.	.04½-	.06¼
yellow, bbls., works	lb.	.02 -	.02¼
French type, bbls., c.[3]	lb.	.0845-	—
l.c.l.	lb.	.0885-	—
Oxide, iron, nat, bbls., c.l., Bethlehem, Easton, Pa.	lb.	.04½-	—
l.c.l., same basis	lb.	.05 -	—
synth., bbls., c.l, works	lb.	.0665-	—
l.c.l., works	lb.	.071 -	—
Persian orange (see O).			
Zinc, bbls., same basis as chrome	lb.	.16 -	—
Navy spec. type, bbls., contract	lb.	.16 -	—
Yellow dock roet, bls.	lb.	.35 -	.36
Yellow xanthorrhiza (see Xanthorrhiza).			
Yerba santa leaves, bls.	lb.	.21 -	.25
Yohimbine hydrochloride, vls.	oz.	3.00 -	5.75

Z

Zein, bgs., 1,000 lbs., works	lb.	.25 -	—
smaller lots, works	lb.	.30 -	—
Zinc acetate, tech., bbls., dlvd.	lb.	.16 -	.17
USP, bbls.	lb.	.26 -	.27
kgs.	lb.	.29 -	—
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies	lb.	.11¾-	.12½
l.c.l., same basis	lb.	.12¼-	.12¾
Borate, bgs., c.l.	lb.	.12 -	—
Carbonate, tech., rubber makers' grade, bbls., works	lb.	.09¾-	.10¾
USP, precip., powd., bbls.	lb.	.35 -	—
dms.	lb.	.40 -	—
kgs.	lb.	.37 -	—
Chloride, tech., fused., dms., c.l., works	100 lbs.	5.00 -	—
l.c.l., works	100 lbs.	5.35 -	—
gran., dms., c.l., works	100 lbs.	5.75 -	—
l.c.l., works	100 lbs.	6.10 -	—
solution, 50%, dms., c.l., works	lb.	.0315-	—
l.c.l., works	lb.	.04¼-	.04½
tanks, works	lb.	.0250-	—
USP, dms.	lb.	.30 -	.31
jars	lb.	.35 -	.36
Chromate (see Yellow, zinc)			
Cyanide, kgs., works	lb.	.33 -	.37
Dust,[6] bbls., c.l., dlvd.	lb.	.1035-	—
l.c.l., works	lb.	.1135-	—
Fluoride, bbls.	lb.	.25 -	.30
Hydrosulphite, dms., works	lb.	.16 -	—
Iodide, NF, bots.	lb.	4.60 -	4.75
jars	lb.	4.40 -	—
Laurate, bbls.	lb.	.32 -	.38
Metal,[1] (quotations in Protective Coatings market).			
Naphthenate, 8%-10% Zn, dms.	lb.	.16 -	.19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd.	lb.	.07½-	—
American process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd.	lb.	.07¼-	—
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd.	lb.	.07⅝-	—
35% or more, bgs., c.l., dlvd.	lb.	.07 -	—
l.c.l., dlvd.	lb.	.07¼-	—
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd.	lb.	.07½-	—
green seal, bgs., c.l., dlvd.	lb.	.09 -	—
l.c.l. dlvd	lb.	.09¼-	—
red seal, bgs., c.l., dlvd.	lb.	.08½-	—
l.c.l., dlvd.	lb.	.08¾-	—
white seal, bgs., c.l., dlvd.	lb.	.09¼-	—
l.c.l., dlvd.	lb.	.09¾-	—
USP, ctns., c.l.	lb.	.10¼-	—
l.c.l.	lb.	.10¾-	—
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ¼c. higher than bgs.			
Resinate fused, 1% Zn, lump, dms.	lb.	.11 -	.12
precipitated, 8.40% to 9% Zn, powd., dms.	lb.	.14¼-	.18
Silicofluoride, bbls.	lb.	.15 -	.16
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29 -	—
smaller lots, same basis	lb.	.30 -	.31
USP (same prices as tech.).			
Sulphate, cryst., bgs., c.l., works, frt. alld.	100 lbs.	3.40 -	—
l.c.l., same basis	100 lbs.	4.15 -	—
flake, bgs., c.l., same basis.	100 lbs.	3.80 -	—
l.c.l., same basis	100 lbs.	4.55 -	—
Zinc sulphate, powd., bgs., c.l., same basis	100 lbs.	5.35 -	—
l.c.l., same basis	100 lbs.	6.10 -	—
Zinc sulphate, in bbls., 25c. higher.			
Sulphide,[1] pure, bgs., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd.	lb.	.08½-	—
bbls., c.l., dlvd.	lb.	.08½-	—
l.c.l., dlvd.	lb.	.08¾-	—
Barium pigment,[1,4] bgs., c.l., dlvd.	lb.	.0560-	—
l.c.l., dlvd.	lb.	.0585-	—
Calcium pigment,[1] bgs., c.l., dlvd.	lb.	.0560-	—
l.c.l., dlvd	lb.	.0585-	—
fluorescent pigment,[1] wks., frt alld.	lb.	.90	1.00
Magnesium pigment,[1,4] bgs., c.l., dlvd.	lb.	.05¾-	—
l.c.l., dlvd.	lb.	.06 -	—
Zinc sulphide and pigments. Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs			
Sulphocarbolate, NF, bbls., dms.	lb.	.28 -	.30
Tallate, 5% Zn, dms.	lb.	.09¾-	—
Yellow (see Yellow, zinc)			
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.25 -	—
l.c.l., works	100 lbs.	6.70 -	—
Zinc-cadmium sulphide, fluorescent, ens., works, frt. alld.	lb.	2.00 -	2.60
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd. E. of Rockies,	lb.	.06¼-	—
Pac. est.	lb.	.06¾-	—
ex whse., Pac. est.	lb.	.07 -	—
Zirconium hydride, ens., works,	lb.	7.00 -	8.00
Nitrate, kgs., works	cn.	3.00 -	4.00
Oxide, crude, 90%, grd., 200 mesh, bbls., c.l., works.	ton	95.00 -	—
10 tons to c.l.	ton	100.00 -	—
white, 98-98½%, grd., kgs., works.	lb.	.80 -	—

Brooke Out of Service

W. L. Brooke, vice-president of Fred L. Brooke Company, distributor of colors, resins and printing ink vehicles, Chicago, has returned to the Brooke company after three years as an officer in the U. S. Navy, returning to inactive duty as a lieutenant.

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for January 7.

Affiliated Paint & Varnish Company has been formed by Harry Roter and Hyman Finkelson. Attorney for the company is Harry Roter, 170 Broadway, New York.

NEW
HIGH MELTING
MICRO-CRYSTALLINE
PETROLEUM WAXES
in *POWDER* FORM
INDUSTRIAL
RAW MATERIALS CO.
52 WALL ST NEW YORK 5, N Y.
WHitehall 4-0710-1-2

RECONDITIONED
DRUMS
FOR SALE
SURPLUS LOTS OF
USED DRUMS WANTED
NEWARK
STEEL
DRUM
COMPANY
LINDEN, N.J.
Phone 2-4466
C. J. COLVILLE
President

Medical Care Discussed

—Continued from page 3

Complete medical care of high quality is possible, Dr. Clark said, when associated persons of all income levels pool their payments in an insurance plan under which physicians are paid according to the services they perform. Unless the well-to-do join with those of low incomes, a plan promises little in efficacy. Mere insurance schemes with fixed fees are not satisfactory. The medical profession knows better ways, but has been unwilling to apply them.

In Dr. Clark's opinion, the practice of medicine in individual, private offices is wasteful of skill. This is not necessary, as has been proved in small, as well as large, undertakings of group practice. Modern schools train for such practice. The collaboration effects continuous education. Group practice, combined with an insurance system which enlists patients of all income levels, provides an intelligent solution of the problem of adequately distributed medical care.

Condensed medical education and other results of war's impacts on the profession and its practice were surveyed by Dr. A. Newton Richards, vice-president in charge of medical affairs of the University of Pennsylvania. He regarded accelerated teaching as calamitous. But, he found that the war had given doctors who served on its fronts an appreciation of the value of group practice—"socialized medicine in the strictest sense"—and a recognition of the ineffectiveness of individual competitive practice.

Work of the National Research Council, the Committee on Medical Research, and collaborating bodies was related and commended by Dr. Richards. He told of a number of the resulting physical contributions to medical service, and he set forth the less tangible but no less real results in recognition of the value of science and of collaboration in its social application; of abhorrence of regimentation and realization of the benefits of unselfish sharing of knowledge and skills.

Sun Oil Names Markley to Sales Post

Frank R. Markley has been made general sales manager of Sun Oil Company, Philadelphia, according to Samuel B. Eckert, vice-president in charge of marketing. Mr. Markley, formerly manager of the company's industrial products department, will serve as assistant to Mr. Eckert in the conduct of all sales activities.

Mr. Eckert also announced the appointment of Maximilian H. Leister as general manager of motor products department. Mr. Leister, who has been acting general sales manager since April 1, 1942, will devote his full time to supervising the sale of all motor products, including "Dynafuel," motor oils, tires, batteries and accessories, and the operation of service stations and all advertising.

Ray H. Anders has been appointed to succeed Mr. Markley as manager of the industrial products department. Mr. Anders has been assistant manager of the department since September 15, 1944. All three of the Sun Oil executives are veterans of company service who have worked their way up through the ranks.

Clover Leaf Paint Marks One Hundred

The Clover Leaf Paint & Varnish Corporation, Long Island City, marking the 100th anniversary of the establishment of its business. The celebration was observed by the officers, sales staff and employees at a dinner which combined a welcome home party for the employees who had served in the army, navy and air forces.

James H. Abraham, president, was at the same time celebrating the completion of his thirty-fifth year in the company's employ and the toastmaster reminded him that his father served the firm for sixty-five years until his death, so that the father and son, combined, had a record of 100 years of service with the firm.

Robert V. Kerley has been appointed director of aeronautical research for the Ethyl Corporation, New York.

IMMEDIATE DELIVERIES

FROM NEW YORK WAREHOUSE

OPD—1-28-1946

medicinal cod liver oil

200/2000 • 2250/200 • 2250/250

This oil is made by Broeder Aarsaether A/S, the largest producers of crude cod liver oil in Norway. A superior, uniform oil is assured through complete control of production and refining. Write or wire us for more information.

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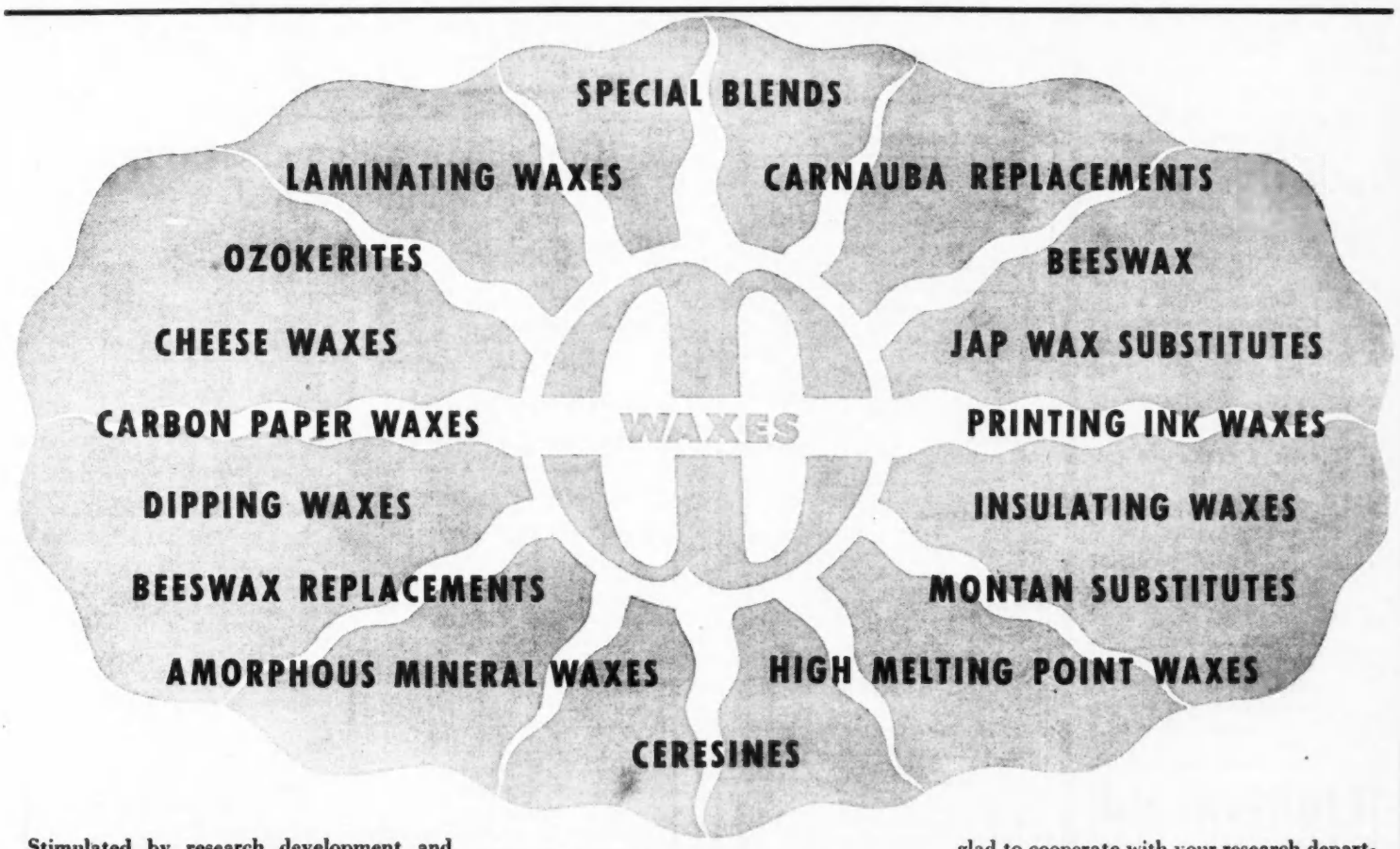

Stimulated by research development and practical knowledge in many fields during the war, the industrial applications of microcrystalline and compounded waxes have increased greatly during the past few years. Frequently, these materials will be found to bring about substantial product improvement in formulations where they have never before been used. The Microwax Corporation invites your inquiries for special waxes to meet your particular problem and will be glad to cooperate with your research department in determining new formulations.

WAXES IN TON OR CARLOAD LOTS

Prompt shipment of most materials on receipt of your order. Write us for samples and price quotations.

The Microwax Corporation 70 EAST 45th STREET NEW YORK 17, N. Y. MURRAY HILL 6-7895

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Liquidating

ENTIRE STOCK

CHEMICAL-PROCESS EQUIPMENT

HUGE FIRST MACHINERY BUILDING CONFISCATED TO MAKE WAY FOR N.Y. HOUSING PROJECT.

- 12—Tablet Machines, Stokes Rotary and Single Punch. Colton Rotary and Single Punch. Mulford Single Punch.
- 2—Vacuum Shelf Dryers, 24 in. x 24 in. and 42 in. x 42 in.
- 50—Jacketed Kettles and Tanks, in Steel, Stainless Copper, Iron, Glass Lined, etc.
- 8—Vacuum Pans and Stills.
- 40—Fillers for Powders, Liquids, Semi-Liquids, etc.
- 75—Mixers for Powders, Liquids, Semi-Liquids, Masses.
- 15—Digesters, Autoclaves and Pressure Vessels.
- 25—Dryers, Evaporators, Crystallizers.
- 30—Grinders, Pulverizers, Hammer Mills, Ball and Pebble Mills.
- Thousands of Parts for Standard Machines.
- 2—Chemicolloid Viscolizers or Colloid Mills.
- 1—Iron 10 h.p. Motor and 1 Stainless with 3 h.p. Motor.
- 2—Steel Kettles 1650 gal. with Agitators.
- 1—Steel Jacketed Kettle 2400 gal. with Agitator.
- 1—Steel Kettle 600 gal. with Agitator.
- 3—Stainless Steel 15 gal. Jacketed Kettles.
- 6—Storage Tanks 5000 gals. to 23,000 gal.
- Miscellaneous Hammer Mills, Pumps, Scales, Filter Press, Air Compressor, Gear Reducers, Motors, Valves, Testers, Hoppers, Piping, etc.

LIQUIDATION

Oil Plant Equipment Location, nearby New Jersey.

FIRST MACHINERY CORP.

EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N.Y. GR. 7-4300

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction

AGENCIES OFFERED

Agents wanted where not now represented by leading importers of earth pigments and kindred goods used by various manufacturers. Large warehouse stocks carried. Liberal proposition. Write Charles B. Chrystal Company, 53 Park place, New York 7.

AGENCIES WANTED

Do you want to enter the China market? Manufacturer's representative with competent technical staff, long years China experience, desires representation of American producers of organic chemicals (pure and commercial grades). Cathay Chemicals, 173 Route Mayen, Shanghai, China.

EQUIPMENT OFFERED

For sale: Two 12,000-gallon rubber-lined storage tanks. Excellent condition. OPD 633.

EQUIPMENT OFFERED

For sale by Newark varnish manufacturer the following: 8 copper varnish kettles and 5 Monel-metal varnish kettles, complete with trucks. Each kettle approximately 160-gallons capacity. Kettles subject to examination before purchase. OPD 587.

New two-way automatic conveyors for powder-filling machines. Make manually operated machines fully automatic. Will operate Stokes & Smith, J. H. Day and other filling machines. Fully guaranteed. Approximately 30-day delivery. Write for full information. Gusler Products Company, 2917-23 West 6th, Amarillo, Texas.

For Sale: 3 Buhrstone mills, 1—16 in, 2—18 in., 1-jacketed dough mixer, 5 gallon capacity. Excellent condition. Lacquer & Chemical Corp., 214 40th St., Bklyn, N. Y.

EQUIPMENT OFFERED

For sale: Two 2,500-gal. iron storage tanks; two iron tanks with agitators, 650 and 550-gal. capacity; one 100-gal. iron tank with agitator; two steam-jacketed iron tanks with agitators, 125-gal. and 175-gal. capacity. OPD 625.

FORMULAS WANTED

Wax formulas wanted. Foreign wax manufacturer will buy proven formulas for Carnauba substitutes for paste and water emulsion types of floor waxes. Also Carnauba and other natural wax substitutes for any other use. Please write to OPD 571.

FACILITIES WANTED

Sulphonated oils: Seeking plant with facilities for sulphonating oils. Will consider purchase, lease or commission work. Must be located in metropolitan New Jersey area. Address OPD 627.

NEWS FOR YOU

YOU'LL FIND A READY BUYER FOR YOUR OLD MACHINERY — *WIRE*

"CONSOLIDATED"

RUSH COMPLETE LIST TODAY

Special Items from Stock:

2—16"x40" Kent & Lehman 3 roll W. C. Mills M.D.

1—Anderson No. 1 Expellers, M.D.

1—6" Mikro Pulverizer.

1—Simpson No. 1 Intensive Mixer, 4' dia. Pan.

1—No. 7 Rotex Sifter, 40"x84".

1—Patterson 36" dia. Dry Pan, double muller.

4—18" & 22" Robinson & Bauer motor driven Attrition Mills.

5—DRY POWDER MIXERS, various sizes. To 3000 lbs.

4—OLIVER FILTERS, 8'x8', 8'x12'.

8—RUBBER LINED Rectangular Tanks; 7—500-gal.; 1—150 gal.

DRYERS

5—B. & C. 28" Dia. x 60" face Atmospheric Double Drum Dryers, complete.

1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.

1—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZER or VACUUM PAN DRYER.

2—70"x30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-3.

9—Direct heat ROTARY DRYERS, 4'x30', 5'x30', 70"x30", 6'x60'.

2—ROTARY KILNS, 6'x60'.

1—5'x12' Vacuum DRUM DRYER, Buffalo Foundry, complete with accessories.

10—ROTARY VACUUM DRYERS: 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30"x12'.

1—36"x72" Atmos. DOUBLE DRUM DRYER, complete.

Only a partial listing. Space does not permit listing all items. Send us your inquiries.

NEW ALUMINUM TANKS UNUSED

300—250 gal. closed horizontal Aluminum Storage TANKS, oval-shaped, approx. 46" and 28" by 61" long, 18" dia. Manhole in top, ⅛" plate.

4—W. & P. MIXERS, steam-jacketed, 100 gal., size 15, type VI, Class B.B., double-geared sigma blades, power tilting, motor driven.

1—YORK 49 ton AIR CONDITIONING UNIT with 60 HP motor.

5—World or Ermold, Burt & Knapp Labelers.

1—Stokes DDS Rotary Tablet Machine, 23 punch.

12—Copper steam Jack. Kettles, up to 500 gal. cap.

7—Filter Presses up to 42"x42" Plate Frame & Recessed.

7—Copper & Alum. Vac. Pans, up to 500 gal. cap.

Immediate Shipment From Providence, R. I.

SIFTERS:

4—No. 32, 20"x48", Day Ro-Ball.

1—No. 12, 20"x37", Rotex.

1—Tyler Rotap Testing Sieve, with 24 screens.

4—28"x48", 1—8 deck, 1—4 deck, 1—3 deck, 1—2 deck.

19—22"x12' long, in 6' frame sections.

CRUSHING ROLLS:

2—Farrel-Bacon, each w/ 2-10x20 Rolls.

2—Farrel-Bacon, each w/ 2-14x20 Rolls.

ROTARY CALCINERS & COOLER:

1—4'x20', brick-lined, complete with firing hood, oil burning equipment, instruments, etc.

1—12" dia. x 15' long Kiln, roller mounted, incl. oil burner, complete.

1—Rotary Cooler, 15" dia. x 20'6", complete.

STEEL STORAGE TANKS-BINS:

21—64" dia. x 12', 2,100 gals.

21—51" dia. x 12', 1,400 gals.

24—Wood Bins, used with sifters.

BUCKET ELEVATORS:

1—34' c/c/, chain, 8 x 5 buckets.

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1—3'x8' Hendy Iron Works, iron-lined. Clutch pulley, with 30 H.P. motor.

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1—Pangborn 3,000 sq. ft. filtering area, incl. exhausters, tanks, supporting steel, etc.

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1—10"x18' c/c Link Belt, steel apron.

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1—5' dia. x 6' Abbe, welded plate shell, unlined, trunnion mounted.

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CAFFEINE, ANHYDROUS—40 bbls, Lo Curto & Funk
CALAMUS ROOT—14 bls, Amtorg Trading Co
CANARY SEED—1,711 bgs, 188,210 lbs, R T French Co
767 bgs, 84,370 lbs, Stern Trading Co
416 bgs, 45,760 lbs, J Arthur Co
CANTHARIDES—4 cs, Amtorg Trading Co
CARAWAY SEED—650 bgs, 60,500 lbs, W E Martin Co
600 bgs, 66,000 lbs, Levy & Levis Co
CARDAMOM—100 cs, 13,000 lbs, S B Penick & Co
CASEIN—3,000 bgs, 330,000 lbs, American British Chemical Supplies, Inc
500 bgs, 55,000 lbs, Paul & Stein Bros
2,000 bgs, 220,000 lbs, First National Bank of Boston
4,065 bgs, 447,150 lbs, American Cyanamid & Chemical Corp
2,000 bgs, 220,000 lbs, Tupman, Thurlow & Co
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708 cs, 35,400 lbs, W A Higgins & Co
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555 cs, 27,750 lbs, Biddle Purchasing Co
2,047 cs, 102,250 lbs, W A Camp & Co
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CORN SYRUP—340 bbls, Gillespie & Co
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GUM, LOCUST BEAN—100 bgs, Guaranty Trust Co
100 bgs
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120 cks, J P Marston & Co
HAIR, CATTLE TAIL—1 pkg, Edmond Weil
GOAT—1,200 bls, Amtorg Trading Co
HORSE MANE—618 bls, Amtorg Trading Co
HENNA LEAVES—89 bgs, S B Penick & Co
27 bgs, W E Martin Co
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175 bbls, Smith Chemical & Color Co
167 bbls, C J Osborn & Co
JALAP ROOT—150 bgs, R J Prentiss & Co
101 bgs
JUNIPER BERRIES—200 bgs, Amtorg Trading Co
LICORICE POWDER—396 bgs, Toros Loshkjian
ROOT—1,080 bgs, Amtorg Trading Co
11 bls, Youtob Shayo
MAGNESITE, CALCINED—1,260 bgs, Golwynne Chemical Corp
MEDICINAL PREPS—50 cs, D C Andrews & Co
MICA—79 cs, Valco, Inc
OIL, CHAULMOOGRA—3 dms, S B Penick & Co
80 cs, Kachurin Drug Co
CROTON—2 cs, Fritzsche Bros
ESSENTIAL—1 cs, A Chiris & Co
1 ck, Synfleur Scientific Laboratory
1 cs, Synfleur Scientific Laboratory
1 cn, Magnus, Mabee & Reynard
10 dms, Firmenich & Co
LEMONGRASS—15 dms, Magnus, Mabee & Reynard
5 dms, Ungerer & Co
50 dms, Trubek Laboratory
50 dms, Maywood Chemical Works
24 dms, P R Dreyer
6 dms, J D Walsh Co
98 dms, Volkart Bros
92 dms, Norda Essential Oil & Chemical Co
18 dms, Geo Lueders & Co
4 dms, United States Rubber Co
18 dms, E I du Pont de Nemours & Co
6 dms, Dodge & Olcott Co
12 dms, Verona Chemical Co
6 dms, W J Bush & Co
NEATSFOOT—213 tcs, International Commercial Co
PINENEEDLE—28 bbls, Amtorg Trading Co
PRESS—30 bbls, Murphy Littlejohn Oil Co
ROSEMARY—11 dms, Edward Remus Co
SHARK LIVER—56 dms, Wilbur Ellis & Co
OX GALLS—3 cks, American Ferment Co
POWDERED—6 cks, Eli Lilly & Co
PAPRIKA—1,000 bgs, 110,000 lbs, Navarre
50 bgs, 5,500 lbs, Farrish Bros
150 bgs, 16,500 lbs, Chase National Bank & Trust Co
50 bgs, 5,500 lbs, E E Marks & Co
100 bgs, 11,000 lbs, Baltimore Spice Co
100 bgs, 11,000 lbs, Frank Tea & Spice Co
50 bgs, 5,500 lbs, B A Railton Co
50 bgs, 5,500 lbs, J K Laudendager
100 bgs, 11,000 lbs, J H Forbes Tea & Spice Co
200 bgs, 22,000 lbs, J Sexton & Co
50 bgs, 5,500 lbs, Safe Owl Product Co
50 bgs, 5,500 lbs, Thompson Tailer
200 bgs, 22,000 lbs, Joenssen & Cross
450 bgs, 49,500 lbs, M J Golombeck
112 bgs, 12,320 lbs, R J Prentiss & Co
50 bgs, 5,500 lbs, Archibald & Kendall
100 bgs, 11,000 lbs, Manufacturers Trust Co
1,140 bgs, 125,400 lbs
POPPYSEED—67 bgs, 7,370 lbs, Gillespie & Co
220 bgs, 24,200 lbs, Archibald & Kendall, Inc
385 bgs, 42,350 lbs, Oceanic Commodities Co
470 bgs, 51,700 lbs, A G Dunn
374 bgs, 41,140 lbs, Becker Mayer Seed Co
1,472 bgs, 161,920 lbs, W G Scarlett & Co
440 bgs, 48,400 lbs, L Furth
110 bgs, 12,100 lbs, W E Martin Co
QUICKSILVER—230 flks
RAPESEED—290 bgs, 31,900 lbs, A G Dunn
140 bgs, 15,400 lbs, Chase National Bank & Trust Co
90 bgs, 9,900 lbs, Ludwig Moeller
150 bgs, 16,500 lbs, Catz American Co
224 bgs, 24,640 lbs, Hinton & Co
SARSAPARILLA ROOT—53 bls, S B Penick & Co
23 bls
SHELLAC, GARNETLAC — 300 bgs, Wm Zinsser & Co
SEEDLAC—350 bgs
TANKAGE, LIVER MEAL — 667 bgs, Weaver & Hugi
TAPIOCA FLOUR—4,500 bgs, 675,000 lbs, Stein, Hall & Co
1,650 bgs, 248,400 lbs, Geismar & Co
THYME LEAVES—226 bgs, S Montaner
UVA URSI LEAVES—87 bgs, Bank of the Manhattan Co
VANILLA BEANS—34 cs, The Comex Co
WAX, BEES—100 bgs, Paul & Stein Bros
412 bgs, Lenape Trading Co
200 bgs, Bank of the Manhattan Co
112 bgs, Innis, Speiden & Co
61 bgs, Will & Baumer Candle Co
200 bgs, Duncan Fox & Co
100 blks, E A Bromund Co
128 blks, Luzzatto Co
23 bgs
CARNAUBA—67 bgs, Philipp Bros
80 bgs, Mercantile Metal & Ore Co
376 bgs, Wax & Rosin Products
OURICURY—250 bgs, Wax & Rosin Product, Inc
160 bgs, R T French Co
56 bgs, Wessel Duval & Co
VEGETABLE—5 cs

Corporation Earnings

Freeport Sulphur Company

	1945.	1944.
Net income	$3,349,790	$2,558,709
Per share	4.19	3.20

Cuban-American Manganese Corp.

	1945.	1944.
Net income	$476,547	$372,265
Per share	.50	.39

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